Manitoba

Statistical Compendium

For the Academic Years Ending in 2003

Council on
Post-Secondary Education

Fall 2004

Data Availability

In addition to compact disc (CD-ROM), copies of this Statistical Compendium are available on the website of the Council on Post-Secondary Education.

Data in This Report

The data in this report have been provided by the University of Manitoba, the University of Winnipeg, Brandon University, le Collège de Saint-Boniface, Red River College, Assiniboine Community College, Keewatin Community College, the Canadian Mennonite University, Providence College and Seminary, Steinbach Bible College, William and Catherine Booth College, the ACCESS Programs, Campus Manitoba, Inter-Universities North and the Continuing Education Programs.

Requests for further institutional data should be directed to the specific university, college or program in question.

How to Obtain More Information

Inquires about this document should be directed to:

The Council on Post-Secondary Education
410-330 Portage Avenue
Winnipeg, Manitoba R3C 0C4

Telephone: (204) 945-1833
Fax: (204) 945-1841

Visit the Council on Post-Secondary Education's website:
http://www.copse.mb.ca

105-01380/

INDEX

ACKNOWLEDGEMENTS....4

EXECUTIVE SUMMARY....5

SYMBOLS....7

CHAPTER 1 – UNIVERSITIES....8

CHAPTER 2 – COLLEGES....96

CHAPTER 3 – UNIVERSITY RETENTION....139

CHAPTER 4 – UNIVERSITY AND COLLEGE STAFFING....145

CHAPTER 5 - ACCESS PROGRAMS....164

CHAPTER 6 – OTHER FUNDED PROGRAMS AND INSTITUTIONS....174

CHAPTER 7 – TUITION FEES....186

APPENDIX A – UNIVERSITY AND COLLEGE CONTINUING EDUCATION PROGRAMS....194

ACKNOWLEDGEMENTS

This second edition of the Statistical Compendium was prepared in cooperation with representatives of Manitoba's post-secondary institutions and programs. The universities and colleges provided data for the years 1998/99 to 2002/03. The private religious institutions provided data from 1999/00 to 2002/03. The other programs provided data for varying time frames.

The Council on Post-Secondary Education would specifically like to thank the individuals associated with the following institutions and programs, who gave of their time and assistance, which in turn, made this document possible. These include:

- The University of Manitoba Office of Institutional Analysis and Human Resources
- The University of Winnipeg Institutional Analysis Department and Human Resources
- Brandon University Co-ordinator of Research Services Computer Services, Enrollment Services and Human Resources
- Le Collège de Saint-Boniface Registrar and Computer Services
- Red River College Research and Planning and Human Resource Services
- Assiniboine Community College Registrar, Computer Services and Health and Human Services
- Keewatin Community College Registrar, Computer Services and Human Resources
- The Canadian Mennonite University Registrar and Computer Services
- Providence College and Seminary
- Steinbach Bible College
- William and Catherine Booth College
- The ACCESS Programs
- Campus Manitoba
- Inter-Universities North
- The Continuing Education Programs

EXECUTIVE SUMMARY

In accordance with its mandate, and as specified in *The Council on Post-Secondary Act,* t e Council on Post-Secondary Education works in co-operation with the universities and colleges to develop and implement accountability requirements in Manitoba's post-secondary education system. One of the accountability initiatives is the collection and analysis of enrollment and related data from the post-secondary institutions, as reported in this second edition of the Statistical Compendium.

The Compendium is comprised of seven chapters of tabulated data and analysis, with primary focus on student and course enrollments, graduation rates, faculties and programs, tuition fees, and staffing.

In Chapter 1, data and analysis is provided on Manitoba's four publicly funded universities (University of Manitoba, University of Winnipeg, Brandon University, and Collège de Saint-Boniface) on a five-year time frame from 1998/99 to 2002/03. This edition of the Statistical Compendium also contains a new section for the universities called Course Section Size. This section provides data on class sizes and the number of classes that each institutions offers by faculty.

Chapter 2 reports data and analysis on the publicly funded community colleges in Manitoba. These include Red River College, Assiniboine Community College, Keewatin Community College, and École technique et professionnelle (the community college division of Collège de Saint-Boniface). The college data is also reported on a five-year time frame from 1998/99 to 2002/03.

The remaining five chapters present data and analysis on university and college retention, staffing, the ACCESS programs, Campus Manitoba, Inter-Universities North, the four private religious institutions that receive a small portion of funding from the Council on Post-Secondary Education (Canadian Mennonite University, Providence College and Seminary, Steinbach Bible College, and William and Catherine Booth College), and university and college tuition fees.

In some tables, data in this edition of the Statistical Compendium may differ from the 2002/03 edition. Data in this document should be considered correct, as some institutions have revised their data.

This executive summary highlights general findings from this report. Where more detail is required, readers may wish to consult the accompanying text and tables.

- All universities showed similar increases in enrollment between 1998/99 and 2002/03.

- Women comprised a larger proportion of undergraduate regular session enrollment in each of the five years at all universities. Further, of the total

undergraduate enrollment, the proportion of women increased from 57.0% to 60.2%, while the proportion of men enrolled decreased correspondingly from 42.9% to 39.8% over the five-year period.

- University graduate student enrollment increased by 308 students (8.5%) between 1998/99 and 2002/03. Part-time graduate enrollment rose by 17.7%, and full-time graduate enrollment increased by 3.4%.

- The total number of university degrees granted between 1998 and 2002 increased by 0.5%. The number of undergraduate degrees granted rose by 2.1%, while graduate degrees granted dropped by 11.2%. Women received an increasing proportion of undergraduate and graduate degrees granted over the five-year period.

- An increasing proportion of women were enrolled and received undergraduate degrees in Management, Agriculture and Engineering between 1998 and 2002. Women received 43.3% of Management and 41.5% of Agriculture degrees awarded in 2002.

- In 2003, Most university students (79.0%) have graduated, are continuing in their program or have transferred to another post-secondary institution after five years of study.

- Between 2001/02 and 2002/03, overall total university staffing followed the same increasing trend as that of total enrollment (Section 1.1.1); increasing by 904 staff or 12.5%. Total full-time staff increased between 2001/02 and 2002/03 by 213 staff or 4.7% and total part-time staff increased by 606 staff or 22.7% over the same time period.

- Total college enrollment increased by 36.5% between 1998/99 and 2002/03. Full-time enrollment increased by 29.2%, and part-time enrollment more than doubled over the five-year period.

- The total number of college graduates increased by 58.6% between 1998/99 and 2002/03 from 1,589 to 4,299 graduates. This increase has more than surpassed the earlier graduation high of 3,788 graduates in 1993/94.

- The college enrollment and graduation rates of Aboriginal students increased each year between 1998/99 and 2002/03.

- All colleges show a similar trend in overall staffing increases between 2000/01 and 2002/03, with RRC at 16.9%, ACC at 26.9% , KCC at 18.9%, and ETP at 12.1%. On a year-over-year basis staff levels at RRC fluctuated, while ACC, KCC and ETP showed steady increases in staff in each year.

- Total enrollment in ACCESS programs increased in every year between 1998/99 and 2002/03, and overall by 39.3%. Similarly, the number of graduates from ACCESS programs increased by 22.5% over the same time period.

- Nearly all (94.4%) ACCESS graduates either found work or were continuing their education following graduation in 2002/03. Additionally, the majority of ACCESS graduates had found jobs related to their field of study.

- Full course equivalent (FCE) registrations in Campus Manitoba more than tripled from 414 to 1,295 between 1998/99 and 2002/03. As expected, total credit hours followed the same increasing trend by more than doubling between 1998/99 and 2002/03.

- Enrollment in Inter-Universities North On-Site Programs increased by 40.1% between 1998/99 and 2002/03.

- Regular session enrollment increased at all four private religious institutions between 1999/00 and 2002/03. Overall, enrollment increased by 24.8% over the four-year period.

- There was significant growth in the number of graduates from the private religious colleges between 1999 and 2002. Overall, the number of graduates increased by 58.6% over the four-year period.

- Tuition fees increased every year at the colleges and universities until 2000/01 when the Province of Manitoba introduced a 10% tuition fee reduction. In comparison with other provinces, Manitoba had the third lowest university tuition fees and the second lowest average college tuition fees in 2002/03.

SYMBOLS USED IN THIS REPORT

-	Data does not exist. For example, the data in this report covers the 1998/99 to 2002/03 period, if a new program begins in 2000/01 then "-" would appear in both the 1998/99 and 1999/00 columns.
N/a	Noted in the Subtotal or Total rows which contain "-".

CHAPTER 1 – UNIVERSITIES

TABLE OF CONTENTS

LIST OF TABLES 10

CHAPTER 1 – UNIVERSITIES 11
1.0 Background 11

1.1 Total Enrollment 11
1.1.1 Total Enrollment – All Sessions 11
1.1.2 Total Enrollment – Regular Session 14
1.1.3 Total Enrollment – Spring/Summer Session 15

1.2 Undergraduate Enrollment 16
1.2.1 Undergraduate Enrollment – All Sessions 16
1.2.2 Undergraduate Enrollment – Regular Session 18
1.2.3 Undergraduate Enrollment – Spring/Summer Session 19
1.2.4 Undergraduate Enrollment by Gender – Regular Session 20
1.2.5 Undergraduate Enrollment by Age – Regular Session 21
1.2.6 Undergraduate Enrollment of International Students – Regular Session 23

1.3 Graduate Enrollment 26
1.3.1 Graduate Enrollment – All Sessions 26
1.3.2 Graduate Enrollment – Regular Session 27
1.3.3 Graduate Enrollment – Spring/Summer Session 29
1.3.4 Graduate Enrollment by Gender – Regular Session 30

1.4 Degrees Granted 31
1.4.1 Total Degrees Granted 31
1.4.2 Undergraduate Degrees and Degrees Granted by Gender 31
1.4.3 Graduate Degrees and Degrees Granted by Gender 32

1.5 Undergraduate Enrollment by University and Faculty/School 33
1.5.1 Undergraduate Enrollment by University and Faculty/School–Regular Session 33
1.5.2 Undergraduate Enrollment by University and Faculty/School – Spring/ Summer Session 39

1.6 Undergraduate International Student Enrollment – Regular Session 42

1.7 Undergraduate Credit Hours 51
1.7.1 Undergraduate Credit Hours by University and Faculty/School – Regular Session 51
1.7.2 Undergraduate Credit Hours by University and Faculty/School – Spring/ Summer Session 60

1.8 Undergraduate Course Sections 67
1.8.1 Undergraduate Course Section Size by University and Faculty/School – Regular Session 67

1.9 Undergraduate Degrees Granted by Faculty/School 76
1.9.1 Undergraduate Degrees Granted by University and Faculty/School 76

1.10 Graduate Enrollment by Faculty/School - Regular Session 84

1.11 Graduate Degrees Granted by Faculty/School 92

LIST OF TABLES

Table 1.1.1 - Total Enrollment – All Sessions 13

Table 1.1.2 - Total Enrollment – Regular Session 14

Table 1.1.3 - Total Enrollment – Spring/Summer Session 16

Table 1.2.1 - Undergraduate Enrollment – All Sessions 17

Table 1.2.2 - Undergraduate Enrollment – Regular Session 18

Table 1.2.3 - Undergraduate Enrollment – Spring/Summer Session 19

Table 1.2.4 - Undergraduate Enrollment by Gender – Regular Session 20

Table 1.2.5 - Undergraduate Enrollment by Age – Regular Session 22

Table 1.2.6 - Undergraduate Enrollment of International Students – Regular Session 25

Table 1.3.1 - Graduate Enrollment – All Sessions 26

Table 1.3.2 - Graduate Enrollment – Regular Session 28

Table 1.3.3 - Graduate Enrollment – Spring/Summer Session 29

Table 1.3.4 - Graduate Enrollment by Gender – Regular Session 30

Table 1.4.1 - Total Degrees Granted 31

Table 1.4.2 - Undergraduate Degrees Granted by Gender 32

Table 1.4.3 - Graduate Degrees Granted by Gender 32

Table 1.5.1 - Undergraduate Enrollment by University and Faculty/School – Regular Session 35

Table 1.5.2 - Undergraduate Enrollment by University and Faculty/School – Spring/Summer Session 40

Table 1.6.1 - Undergraduate Enrollment by International Students and Country of Origin–Regular Session 44

Table 1.7.1 - Undergraduate Credit Hours by University and Faculty/School – Regular Session 53

Table 1.7.2 - Undergraduate Credit Hours by University and Faculty/School – Spring/Summer Session 61

Table 1.8.1 - Undergraduate Course Section Size by University and Faculty/ School – Regular Session 70

Table 1.9.1- Undergraduate Degrees Granted by University and Faculty/School 78

Table 1.10.1 – Graduate Enrollment by Faculty/School – Regular Session 85

Table 1.11.1- Graduate Degrees Granted by Faculty 93

CHAPTER 1 – UNIVERSITIES

1.0 Background

There are four publicly funded universities in Manitoba, each operating under separate legislation. All four of these institutions are defined as universities under the *Council on Post-Secondary Education Act.* They are: the University of Manitoba (UM), the University of Winnipeg (UW), Brandon University (BU) and Collège de Saint-Boniface (CSB).

The UM is the largest, the most comprehensive and only medical-doctoral university in Manitoba. In addition to offering undergraduate and graduate education in arts, science and other fields, the UM offers programs in a broad range of professional studies. The UW, BU and CSB are all primarily undergraduate institutions, which offer undergraduate and a limited number of graduate programs in arts, and education, as well as specialized programs on an institution-by-institution basis. CSB offers university programming in French.

This chapter includes eleven sections of data and analysis on the four universities for the years 1998/99 to 2002/03. The first three sections include total, undergraduate and graduate enrollment data for all academic sessions combined, as well as regular and spring/summer sessions. The fourth section covers undergraduate and graduate degrees granted by gender. The remaining seven sections present additional detailed data and analysis at the faculty/school level for each university.

On some tables, data in this Chapter may differ from the 2002/03 edition. Data in this document should be considered correct, as some institutions have revised their data. Where this has occurred, "Revised" will be noted in the row that has changed.

1.1 Total Enrollment

1.1.1 Total Enrollment – All Sessions

The "total student enrollment for all sessions" is the sum of all full-time and part-time students at each university in Manitoba. This includes undergraduate and graduate enrollments in both the regular session and spring/summer sessions. Total enrollment equals student headcount, which is the sum of all full-time (FT) and part-time (PT) students.

"Full-time equivalent" enrollment (FTE) is a calculation that equalizes all students to full-time status. This calculation takes the number of part-time students and it divides by 3.5, which, according to Statistics Canada, will give a figure equivalent to the number of students attending university full-time. When this number is added to the number of full-time students, the result is FTE.

For the most part, enrollment data reported in the Compendium reconciles with published Statistics Canada data. However, Statistics Canada does not allow a student to be reported twice in one year, which is inconsistent with this document where a student may be counted twice if enrolled in both sessions. Therefore, data reported here may not completely parallel data reported by Statistics Canada.

Regular session data is reported by the universities as of November 1 annually, and includes only those students who have paid tuition fees. Spring and summer data is reported two days following the voluntary withdrawal date of the final summer session term.

Table 1.1.1 shows that for the five-year period from 1998/99 to 2002/03, the proportions of total student enrollment by university remained unchanged. UM accounts for just over two-thirds or 67.8% of total university enrollment, UW 19.9%, BU 9.9%, and CSB 2.4%.

All universities show a similar trend in enrollment change over the five-year period. Enrollment increased steadily in each year between 1998/99 and 2002/03. The largest increase in total enrollment was between 2000/01 and 2001/02 at the UM (7.7% or 2,192 students) while the largest enrollment increases at UW, BU and CSB occurred a year later (2002/03) at 14.8% (1,229 students), 9.2% (397 students) and 20.4% (191 students) respectively.

Between 1998/99 and 2002/03 total enrollment increased by 8,769 students or 22.4%. Following the same trend, both full and part time enrollment increased by 15.7% (3,558 students), and 31.7% (5,211 students) respectively.

Table 1.1.1 - Total Enrollment – All Sessions

University [1]		Academic Year 1998/99 – 2002/03				
		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba [2,3]						
	FT	16,502	16,240	16,807	17,849	18,504
	PT	10,558	11,084	11,679	12,829	13,968
	Total	**27,060**	**27,324**	**28,486**	**30,678**	**32,472**
	FTE	19,519	19,407	20,144	21,514	22,495
University of Winnipeg - Revised						
	FT	4,205	4,285	4,418	4,682	5,231
	PT	3,390	3,365	3,580	3,648	4,328
	Total	**7,595**	**7,650**	**7,998**	**8,330**	**9,559**
	FTE	5,174	5,246	5,441	5,724	6,468
Brandon University						
	FT	1,620	1,708	1,788	1,888	2,020
	PT	2,140	2,174	2,203	2,435	2,700
	Total	**3,760**	**3,882**	**3,991**	**4,323**	**4,720**
	FTE	2,231	2,329	2,417	2,584	2,791
Collège de Saint-Boniface - Revised						
	FT	329	391	415	426	459
	PT	364	435	465	509	667
	Total	**693**	**826**	**880**	**935**	**1,126**
	FTE	433	515	548	571	650
Total - Revised						
	FT	22,656	22,624	23,428	24,845	26,214
	PT	16,452	17,058	17,927	19,421	21,663
	Total	**39,108**	**39,682**	**41,355**	**44,266**	**47,877**
	FTE [4]	27,357	27,498	28,550	30,394	32,403

Notes:

1. Includes Graduate and Undergraduate data for both Spring/Summer and Regular Sessions.
2. Includes Pre-master's, Master's, Doctoral, Occasional, Diploma and Distance Education students.
3. Students are counted only once, regardless if they are enrolled in multiple sessions.
4. Totals may not add due to rounding

FTE=FT+(PT/3.5)

1.1.2 Total Enrollment – Regular Session

Regular session at universities is from September to April and comprises one full academic year. Both full and part-time students enroll during regular session.

Table 1.1.2 - Total Enrollment – Regular Session

University [1]		Academic Year 1998/99 – 2002/03				
		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba [2]						
	FT	16,324	16,081	16,611	17,651	18,280
	PT	4,774	5,043	5,367	5,967	6,701
	Total	**21,098**	**21,124**	**21,978**	**23,618**	**24,981**
	FTE	17,688	17,522	18,144	19,356	20,195
University of Winnipeg - Revised						
	FT	4,192	4,272	4,401	4,662	5,220
	PT	1,779	1,871	1,987	2,157	2,467
	Total	**5,971**	**6,143**	**6,388**	**6,819**	**7,687**
	FTE	4,700	4,807	4,969	5,278	5,925
Brandon University						
	FT	1,620	1,708	1,788	1,888	2,020
	PT	940	1,018	1,096	1,065	1,204
	Total	**2,560**	**2,726**	**2,884**	**2,953**	**3,224**
	FTE	1,889	1,999	2,101	2,192	2,364
Collège de Saint-Boniface - Revised						
	FT	329	391	415	426	459
	PT	228	286	300	333	405
	Total	**557**	**677**	**715**	**759**	**864**
	FTE	394	473	501	521	575
Total - Revised						
	FT	22,465	22,452	23,215	24,627	25,979
	PT	7,721	8,218	8,750	9,522	10,777
	Total	**30,186**	**30,670**	**31,965**	**34,149**	**36,756**
	FTE [3]	24,671	24,800	25,715	27,348	29,058

Notes:

1. Includes Graduate and Undergraduate data for Regular Session only.
2. Includes Pre-master's, Master's, Doctoral, Occasional, Diploma, and Distance Education students.
3. Totals may not add due to rounding.

FTE=FT+(PT/3.5)

Total enrollment for regular session, as found in Table 1.1.2, shows a similar trend over time to that of total enrollment. Between 1998/99 and 2002/03 total regular session enrollment increased at all four universities by 6,570 students or 21.8%.

As expected, overall total FTE's also followed the increasing trend between 1998/99 and 2002/03. The only exception was the UM which showed a decrease in FTE of 166 equivalent students (0.9%) between 1998/99 and 1999/00.

Similar to the total enrollment data, regular session full-time enrollment (which comprised 76.7% of total enrollment in 2002/03) increased each year between 1998/99 and 2002/03, with the exception of 1999/00. Between 1998/99 and 1999/00 regular session full time enrollment decreased by less than 0.1% (13 students). This decrease was followed by annual increases from 1999/00 to 2002/03 (15.7% or 3,527 students).

Overall, there was an increase of 3,514 students (15.6%) in regular session full-time enrollment and an increase of 3,056 (39.6%) part-time regular session students over the five-year period.

1.1.3 Total Enrollment – Spring/Summer Session

Intersession, spring and summer sessions operate at universities between May and August and include both full and part-time graduate and undergraduate students.

Table 1.1.3 shows that between 1998 and 2002 almost all spring and summer session enrollment at each university was comprised of part-time students. BU and CSB did not offer full-time spring and summer session programming. In 2002, 97.9% of total spring and summer session enrollment were part-time students, and 2.1% were full-time.

By 2002, total spring and summer session enrollment (11,121 students) was nearing the last spring and summer session enrollment high from 1993 of 13,196 students.

Over the time period between 1998 and 2002, the proportions of regular session enrollment (76.7%) and spring/summer session enrollment (23.2%) of the total enrollment did not change.

Table 1.1.3 - Total Enrollment – Spring/Summer Session

University[1]		Academic Year 1998 - 2002				
		1998	1999	2000	2001	2002
University of Manitoba[2,3]						
	FT	178	159	196	198	224
	PT	5,784	6,041	6,312	6,862	7,267
	Total	**5,962**	**6,200**	**6,508**	**7,060**	**7,491**
	FTE	1,831	1,885	1,999	2,159	2,300
University of Winnipeg						
	FT	13	13	17	20	11
	PT	1,611	1,494	1,593	1,491	1,861
	Total	**1,624**	**1,507**	**1,610**	**1,511**	**1,872**
	FTE	473	440	472	446	543
Brandon University						
	FT	0	0	0	0	0
	PT	1,200	1,156	1,107	1,370	1,496
	Total	**1,200**	**1,156**	**1,107**	**1,370**	**1,496**
	FTE	343	330	316	391	427
Collège de Saint-Boniface						
	FT	0	0	0	0	0
	PT	136	149	165	176	262
	Total	**136**	**149**	**165**	**176**	**262**
	FTE	39	43	47	50	75
Total						
	FT	191	172	213	218	235
	PT	8,731	8,840	9,177	9,899	10,887
	Total	**8,922**	**9,012**	**9,390**	**10,117**	**11,121**
	FTE[4]	2,686	2,698	2,835	3,046	3,345

Notes:

1. Includes Graduate and Undergraduate data for both Spring/Summer Sessions.
2. Includes Pre-master's, Master's, Doctoral, Occasional, and Diploma students.
3. Students are counted only once, regardless if they are enrolled in multiple sessions.
4. Totals may not add due to rounding.

FTE=FT+(PT/3.5)

1.2 Undergraduate Enrollment

This section includes undergraduate enrollment data from 1998/99 to 2002/03 by session, gender, age, and for international students.

1.2.1 Undergraduate Enrollment – All Sessions

As shown in Table 1.2.1, the proportions of undergraduate enrollment by university (UM – 67.3%, UW – 20.5%, BU -10.2%, CSB – 2.1%) remained relatively unchanged between 1998/99 and 2001/02, and are similar to those of the total enrollment by university, as shown in Table 1.1.1. However, in 2002/03, the proportion of UM undergraduate enrollment decreased to 65.7% of the total enrollment in the system, while the proportions of UW, BU and increased to 21.7%, 10.4% and 2.3% respectively.

Table 1.2.1 - Undergraduate Enrollment – All Sessions

University[1]		Academic Year 1998/99 – 2002/03				
		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba[2,3]						
	FT	14,190	14,003	14,600	15,574	16,103
	PT	9,548	10,067	10,622	11,682	12,772
	Total	**23,738**	**24,070**	**25,222**	**27,256**	**28,875**
	FTE	16,918	16,879	17,635	18,912	19,752
University of Winnipeg						
	FT	4,187	4,267	4,405	4,664	5,219
	PT	3,368	3,340	3,555	3,623	4,308
	Total	**7,555**	**7,607**	**7,960**	**8,287**	**9,527**
	FTE	5,149	5,221	5,421	5,699	6,450
Brandon University						
	FT	1,617	1,702	1,782	1,882	2,020
	PT	1,965	2,011	2,030	2,242	2,531
	Total	**3,582**	**3,713**	**3,812**	**4,124**	**4,551**
	FTE	2,178	2,277	2,362	2,523	2,743
Collège de Saint-Boniface - Revised						
	FT	329	389	413	426	459
	PT	284	355	379	413	537
	Total	**613**	**744**	**792**	**839**	**996**
	FTE	410	490	521	544	612
Total - Revised						
	FT	20,323	20,361	21,200	22,546	23,801
	PT	15,165	15,773	16,586	17,960	20,148
	Total	**35,488**	**36,134**	**37,786**	**40,506**	**43,949**
	FTE[4]	24,656	24,868	25,939	27,677	29,558

Notes:

1. Includes Undergraduate data for both Spring/Summer and Regular Sessions.
2. Students are counted once, regardless if they are enrolled in multiple sessions.
3. Includes Distance Education students.
4. Totals may not add due to rounding.

FTE=FT+(FT/3.5)

Total undergraduate enrollment in Table 1.2.1 shows a similar trend to that of total enrollment over the five-year period, with all universities showing increases in each year between 1998/99 and 2002/03. During the period, total undergraduate enrollment increased by 8,461 students or 23.8%.

As with total full-time enrollment, overall undergraduate full-time enrollment increased by 3,478 students (17.1%) between 1998/99 and 2002/03. The exception was the UM with a decrease of 1.3% (187 full time students) between 1998/99 and 1999/00. Also, following the increasing trend of total part time enrollment, total undergraduate part-time enrollment rose by 4,983 students (32.9%) between 1998/99 and 2002/03. The exception to this trend was a slight decrease at the UW (28 students) between 1998/99 and 1999/00.

1.2.2 Undergraduate Enrollment – Regular Session

As Table 1.2.2 shows, undergraduate regular session enrollment trends are similar to those of total regular session enrollments, with increases at all universities between 1998/99 and 2002/03.

Table 1.2.2 - Undergraduate Enrollment – Regular Session

University		Academic Year 1998/99 – 2002/03				
		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba[1]						
	FT	14,012	13,844	14,404	15,376	15,879
	PT	4,063	4,310	4,596	5,158	5,845
	Total	**18,075**	**18,154**	**19,000**	**20,534**	**21,724**
	FTE	15,173	15,075	15,717	16,850	17,549
University of Winnipeg						
	FT	4,174	4,254	4,388	4,644	5,208
	PT	1,757	1,846	1,962	2,132	2,447
	Total	**5,931**	**6,100**	**6,350**	**6,776**	**7,655**
	FTE	4,676	4,781	4,949	5,253	5,907
Brandon University						
	FT	1,617	1,702	1,782	1,882	2,020
	PT	870	917	1,004	978	1,119
	Total	**2,487**	**2,619**	**2,786**	**2,860**	**3,139**
	FTE	1,866	1,964	2,069	2,161	2,340
Collège de Saint-Boniface - Revised						
	FT	329	389	413	426	459
	PT	178	233	239	268	322
	Total	**507**	**622**	**652**	**694**	**781**
	FTE	380	456	481	503	551
Total						
	FT	20,132	20,189	20,987	22,328	23,566
	PT	6,868	7,306	7,801	8,536	9,733
	Total	**27,000**	**27,495**	**28,788**	**30,864**	**33,299**
	FTE [2]	22,094	22,276	23,216	24,767	26,347

Notes:
1. Includes Distance Education students.
2. Totals may not add due to rounding.
FTE=FT+(PT/3.5)

A comparison of total undergraduate regular session enrollments between 1998/99 and 2002/03 shows an increase of 6,299 students (23.3%) over time. CSB had the largest percentage increase of 274 students (54.0%). The largest total undergraduate enrollment increase in the five year period took place between 2000/01 and 2002/03 (2,435 or 7.9%).

Full and part-time undergraduate regular session enrollments showed a similar trend to that of total regular session enrollments. Overall, full-time enrollment increased by

3,434 students (17.1%), while part-time enrollment increased by 2,865 students or 41.7%.

1.2.3 Undergraduate Enrollment – Spring/Summer Session

Similar to the data on total enrollment for spring and summer session in Table 1.1.3, almost all undergraduate spring and summer session enrollment was comprised of part-time students. Additionally, comparing the data from Tables 1.1.3 and 1.2.3 suggest that full-time time spring and summer session enrollment at all universities was at the undergraduate level.

Table 1.2.3 - Undergraduate Enrollment – Spring/Summer Session

University[1]		Academic Year 1998 - 2002				
		1998	1999	2000	2001	2002
University of Manitoba [2]						
	FT	178	159	196	198	224
	PT	5,485	5,757	6,026	6,524	6,927
	Total	**5,663**	**5,916**	**6,222**	**6,722**	**7,151**
	FTE	1,745	1,804	1,918	2,062	2,203
University of Winnipeg						
	FT	13	13	17	20	11
	PT	1,611	1,494	1,593	1,491	1,861
	Total	**1,624**	**1,507**	**1,610**	**1,511**	**1,872**
	FTE	473	440	472	446	543
Brandon University						
	FT	0	0	0	0	0
	PT	1,095	1,094	1,026	1,264	1,412
	Total	**1,095**	**1,094**	**1,026**	**1,264**	**1,412**
	FTE	313	313	293	361	403
Collège de Saint-Boniface						
	FT	0	0	0	0	0
	PT	106	122	140	145	215
	Total	**106**	**122**	**140**	**145**	**215**
	FTE	30	35	40	41	61
Total						
	FT	191	172	213	218	235
	PT	8,297	8,467	8,785	9,424	10,415
	Total	**8,488**	**8,639**	**8,998**	**9,642**	**10,650**
	FTE[3]	2,562	2,591	2,723	2,911	3,211

Notes:

1. These include all non-winter courses from May to August.
2. Students are counted only once, regardless if they are enrolled in multiple sessions.
3. Totals may not add due to rounding.

FTE=FT+(PT/3.5)

Between 1998 and 2002, total undergraduate spring and summer session enrollment increased steadily by 2,162 students or 25.5%. Overall, undergraduate spring and summer session enrollment comprised 95.8% of total spring and summer enrollment.

Enrollment at the UM counted for 67.1% of all spring and summer session enrollments in 2002/03.

1.2.4 Undergraduate Enrollment by Gender – Regular Session

Table 1.2.4 shows that women comprised a larger proportion of undergraduate regular session enrollment in each of the five years at all universities. Further, of the total undergraduate enrollment, the proportion of women increased from 57.0 to 60.2%, while the proportion of men decreased from 42.9% to 39.8% over the five-year period.

Table 1.2.4 - Undergraduate Enrollment by Gender – Regular Session

University [1]	Academic Year 1998/99 – 2002/03									
	1998/99		1999/00		2000/01		2001/02		2002/03	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
University of Manitoba - Revised [2]										
FT	7,544	6,468	7,449	6,395	7,935	6,469	8,570	6,806	8,820	7,059
PT	1,873	1,451	2,128	1,483	2,291	1,536	2,726	1,615	3,075	1,814
Total	**9,417**	**7,919**	**9,577**	**7,878**	**10,226**	**8,005**	**11,296**	**8,421**	**11,895**	**8,873**
FTE	8,079	6,883	8,057	6,819	8,590	6,907	9,349	7,267	9,699	7,577
University of Winnipeg - Revised										
FT	2,561	1,613	2,701	1,553	2,802	1,586	3,010	1,634	3,378	1,830
PT	1,048	709	1,143	703	1,231	731	1,356	776	1,524	923
Total	**3,609**	**2,322**	**3,844**	**2,256**	**4,033**	**2,317**	**4,366**	**2,410**	**4,902**	**2,753**
FTE	2,860	1,816	3,028	1,754	3,154	1,795	3,397	1,856	3,813	2,094
Brandon University - Revised										
FT	1,024	593	1,106	596	1,138	644	1,231	651	1,332	688
PT	576	294	621	296	685	319	675	303	780	339
Total	**1,600**	**887**	**1,727**	**892**	**1,823**	**963**	**1,906**	**954**	**2,112**	**1,027**
FTE	1,189	677	1,233	681	1,334	735	1,424	738	1,555	785
Collège de Saint-Boniface - Revised										
FT	211	91	245	107	269	119	300	126	337	122
PT	144	61	180	90	185	79	193	75	216	106
Total	**355**	**152**	**425**	**197**	**454**	**198**	**493**	**201**	**553**	**228**
FTE	252	108	296	133	322	142	355	147	402	152
Grand Total - Revised										
FT	11,340	8,765	11,501	8,651	12,144	8,818	13,111	9,217	13,867	9,699
PT	3,641	2,515	4,072	2,572	4,392	2,665	4,950	2,769	5,595	3,182
Total	**14,981**	**11,280**	**15,573**	**11,223**	**16,536**	**11,483**	**18,061**	**11,986**	**19,462**	**12,881**
FTE[3]	12,380	9,484	12,664	9,386	13,399	9,579	14,525	10,008	15,466	10,608
Total [4]	**26,261**		**26,796**		**28,019**		**30,047**		**32,343**	

Notes:

1. Gender is self-declared. Not all students report their gender.
2. Does not include Distance Education.
3. Figures were revised for 1998/99 to 2000/01. Totals may not add due to rounding.
4. Totals are not equal to those in Table 1.2.2 as not all students report their gender.

FTE=FT+(PT/3.5)

Of the total regular session undergraduate enrollment by gender at all universities, UM had the smallest percentage of difference in men (46% to 43%) relative to women (54% to 57%), while CSB had the largest (71% women, 29% men).

Analysis of total enrollment trends show that as the enrollment of women increased between 1998/99 and 2002/03 (4,481 or 29.9%), enrollment of men also increased (1,601 or 14.2%) but at a slower rate.

1.2.5 Undergraduate Enrollment by Age – Regular Session

As the data in Table 1.2.5 shows, the largest proportion of the undergraduate regular session enrollment by age between 1999/00 and 2002/03 was students aged under 20 years at all universities, except UM. At UM, undergraduate students aged 21 – 25 formed the largest proportion of its regular session enrollment in both of those years.

The data also shows that part-time students aged 26 and older, formed the larger proportion of undergraduate enrollment at UW and BU. Undergraduate students aged 33 and older at CSB, and those aged 27 and older at UM, were more likely to be enrolled part-time than full-time.

Table 1.2.5 - Undergraduate Enrollment by Age – Regular Session

University[1]	Academic Year 1999/00 – 2002/03							
	1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT
University of Manitoba[2,3,4]								
<20	6,211	702	6,309	754	6,690	880	7,069	939
21-25	5,739	1,443	5,964	1,481	6,337	1,554	6,411	2,058
26-30	1,075	511	1,163	548	1,320	657	1,380	897
31-35	386	298	454	328	482	358	471	627
36-40	214	235	264	272	282	327	277	519
41-45	121	187	132	199	164	273	152	375
46-50	47	132	55	136	53	155	59	243
51-55	12	50	16	54	11	76	17	106
56-60	5	17	6	21	4	23	5	38
61-65	2	13	2	4	2	6	2	11
66+	1	21	2	22	1	27	2	30
Unknown	31	701	37	777	30	822	34	2
Total	**13,844**	**4,310**	**14,404**	**4,596**	**15,376**	**5,158**	**15,879**	**5,845**
Average Age	21	27	22	27	22	28	22	28
University of Winnipeg - Revised[5]								
<20	2,062	590	1,991	702	2,315	647	2,521	634
21-25	1,585	663	1,719	689	1,629	805	1,961	849
26-30	322	234	340	272	313	298	396	310
31-35	121	170	135	190	147	194	147	207
36-40	61	123	85	149	86	146	87	163
41-45	42	78	43	97	47	99	52	101
46-50	20	69	20	57	14	71	20	80
51-55	8	30	10	35	3	32	10	42
56-60	1	12	3	11	0	9	6	14
61-65	1	9	2	15	1	12	2	12
66+	1	25	0	24	0	22	3	31
Unknown	30	0	40	0	89	0	3	4
Total	**4,254**	**2,003**	**4,388**	**2,241**	**4,644**	**2,335**	**5,208**	**2,447**
Average Age	21	26	22	26	21	26	21	27

Notes:

1. Age is self-declared and not all students report their age.
2. Excludes Pre-Master's students. Pre-Master's students are included in Graduate Studies.
3. Full-time based on 60% of the Normal Prescribed Credit Hour Load.
4. Includes students who are taking all their courses through a distance method of delivery.
5. UW reports age at the end of April therefore historical part-time totals will be higher than those in Table 1.2.2. Because Table 1.2.2 is reported at November 1.

Table 1.2.5 Cont.	Academic Year 1999/00 – 2002/03							
	1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT
Brandon University [6]								
<20	851	190	894	190	868	196	1,175	369
21-25	565	246	588	276	681	287	552	260
26-30	157	146	159	189	161	168	133	181
31-35	60	128	67	129	76	130	75	130
36-40	31	103	40	111	37	99	36	86
41-45	25	73	23	74	31	80	27	65
46-50	9	35	6	39	13	42	15	30
51-55	1	10	2	16	3	19	3	18
56-60	1	4	2	5	3	4	2	3
61-65	0	3	1	4	1	2	1	4
66+	1	5	0	3	0	5	0	2
Unknown	1	0	0	0	8	0	1	0
Total	**1,702**	**943**	**1,782**	**1,036**	**1,882**	**1,032**	**2,020**	**1,148**
Average Age	22	29	22	29	22	29	21	27
Collège de Saint-Boniface								
<20	234	46	244	48	272	49	251	51
21-25	88	65	100	64	105	63	152	67
26-30	15	33	24	28	24	29	38	32
31-35	7	20	7	18	7	18	9	29
36-40	3	13	5	19	6	18	4	30
41-45	2	21	6	17	5	16	3	42
46-50	3	19	2	19	3	18	2	40
51-55	0	10	0	12	0	12	0	19
56-60	0	6	0	6	0	5	0	11
61-65	0	3	0	2	0	2	0	1
66+	0	0	0	0	0	0	0	0
Unknown	0	34	0	31	4	38	0	0
Total	**352**	**270**	**388**	**264**	**426**	**268**	**459**	**322**
Average Age	20	31	20	30	20	30	21	33

Note:

6. Due to student tracking system constraints, BU cannot completely reconcile its part-time age figures to those in Table 1.2.2.

1.2.6 Undergraduate Enrollment of International Students – Regular Session

Table 1.2.6 shows that in general, undergraduate international student enrollment increased over the five-year period at UM, BU and CSB but not at the UW. At UW, international student enrollment dropped by 26.1% in 1999/00 and 2000/01. By 2002/03, international student enrollment had exceeded 1998/99 levels, growing by 48 students or 22.6% between 2001/02 and 2002/03.

The majority of undergraduate international students that came to universities in Manitoba were from Asia, with the exception of CSB. Data from CSB shows that for

1998/99, 2001/02 and 2002/03, the largest number of international students came from Africa. In 1999/00 and 2000/01, the majority of its international student enrollment came from Europe.

Some examples of the geographic location groupings for the international student enrollment shown in Table 1.2.6 are as follows:

- **Africa** - Botswana, Burundi, Ghana, Ivory Coast, Kenya, Libya, Malawi, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Nigeria, South Africa, Sudan, Tanzania, Uganda, Zaire, Zambia, Zimbabwe.
- **Asia** - Bangladesh, Hong Kong, India, Indonesia, Japan, Macau, Malaysia, Maldives, Myanmar, Nepal, North Korea, Pakistan, People's Republic of China, Philippines, Singapore, Sri Lanka, South Korea, South Vietnam, Taiwan, Thailand, Vietnam.
- **Europe** - Albania, Belgium, Bosnia-Herzegovina, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Luxembourg, Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Russia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, Yugoslavia.
- **Middle East** - Iran, Israel, Lebanon, Palestine, Saudi Arabia, Turkey, United Arab Emirates.
- **North and Central America** - Antilles, Aruba, Bahamas, Barbados, Honduras, Jamaica, Mexico, Nicaragua, Panama, St. Lucia, St. Vincent & Grenadines, Trinidad & Tobago, United States.
- **Oceana** - Australia, New Zealand
- **South America** - Argentina, Brazil, Chile, Colombia, Peru, Uruguay, Venezuela.

Table 1.2.6 - Undergraduate Enrollment of International Students – Regular Session

University [1]	*Academic Year 1998/99 – 2002/03*				
	1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba					
Africa	34	43	59	51	57
Asia	242	286	328	408	583
Europe	53	65	62	77	76
Middle East	9	7	7	9	16
North & Central America	21	39	42	72	71
Oceana[2]	2	1	4	4	8
South America	5	7	8	11	10
Total	**366**	**448**	**510**	**632**	**821**
University of Winnipeg -Revised[3]					
Africa	8	8	8	12	19
Asia	171	95	96	156	194
Europe	19	19	18	18	19
Middle East	1	3	3	4	6
North & Central America	12	14	14	19	16
Oceana[2]	0	0	0	0	0
South America	0	3	3	2	4
Other	21	31	31	1	2
Total	**234**	**173**	**173**	**212**	**259**
Brandon University					
Africa	7	14	16	13	12
Asia	42	47	42	41	57
Europe	10	8	13	4	5
Middle East	0	0	1	0	3
North & Central America	11	10	9	16	16
Oceana[2]	0	0	1	0	0
South America	0	2	2	2	2
Unknown	2	1	3	3	4
Total	**72**	**82**	**87**	**79**	**99**
Collège de Saint-Boniface					
Africa	3	6	8	18	17
Asia	0	0	0	0	0
Europe	2	13	11	11	9
Middle East	1	1	0	0	0
North & Central America	3	3	0	2	1
Oceana[2]	0	0	0	0	0
South America	0	0	0	0	0
Total	**9**	**23**	**19**	**31**	**27**

Notes:

1. Does not include Permanent Residents.
2. Oceana includes Australia and New Zealand.
3. The UW re-submitted its 1998/99 through 2002/03 figures using a new methodology.

1.3 Graduate Enrollment

1.3.1 Graduate Enrollment – All Sessions

Table 1.3.1 shows that over the five-year period, UM accounted for just over 90% of total graduate enrollment. This is to be expected, given that the other universities are primarily undergraduate institutions.

Table 1.3.1 - Graduate Enrollment – All Sessions

University[1]		Academic Year 1998/99 – 2002/03				
		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba[2,3,4]						
	FT	2,312	2,237	2,207	2,275	2,401
	PT	1,010	1,017	1,057	1,147	1,196
	Total	**3,322**	**3,254**	**3,264**	**3,422**	**3,597**
	FTE	2,601	2,528	2,509	2,603	2,743
University of Winnipeg - Revised						
	FT	18	18	13	18	12
	PT	22	25	25	25	20
	Total	**40**	**43**	**38**	**43**	**32**
	FTE	24	25	20	25	18
Brandon University						
	FT	3	6	6	6	0
	PT	175	163	173	193	169
	Total	**178**	**169**	**179**	**199**	**169**
	FTE	53	53	55	61	48
Collège de Saint-Boniface						
	FT	0	2	2	0	0
	PT	80	80	86	96	130
	Total	**80**	**82**	**88**	**96**	**130**
	FTE	23	25	27	27	37
Total						
	FT	2,333	2,263	2,228	2,299	2,413
	PT	1,287	1,285	1,341	1,461	1,515
	Total	**3,620**	**3,548**	**3,569**	**3,760**	**3,928**
	FTE[5]	2,701	2,630	2,611	2,716	2,846

Notes:

1. Includes Regular Session and Spring and Summer Sessions.
2. Includes Joint Master's Program students who have their workload directly associated with the UM.
3. Includes Pre-master's, Master's, Doctoral, Occasional and Diploma students.
4. Students are counted only once, regardless if they are enrolled in multiple sessions.
5. Totals may not add due to rounding.

FTE=FT+(PT/3.5)

Although there were fluctuations in graduate enrollment on a year-over-year basis among UM, UW, and BU; CSB showed increases in graduate enrollment in each of the years between 1998/99 and 2002/03. Total graduate enrollment increased by 308 students or 8.5% over the five years.

Total part-time graduate enrollment followed the same general trend as total graduate enrollment, with a small decrease between 1998/99 and 1999/00, followed by increases between 1999/00 and 2002/03. Overall, part-time graduate enrollment increased by 17.7% (228 students), while total full-time graduate enrollment increased by 3.4% or 80 students between 1998/99 and 2002/03.

A comparison of graduate and undergraduate enrollment data shows that the graduate proportion of total enrollment declined from 9.1% to 8.2% between 1998/99 and 2002/03.

1.3.2 Graduate Enrollment – Regular Session

Graduate enrollment for regular session, as found in Table 1.3.2, shows a trend similar to that of total graduate enrollment. UW had an enrollment decrease of 20.0% (8 students) over the five-year period, while UM, BU and CSB had an increase of 7.7% (234 students), 16.4% (12 students) and 66.0% (33 students) respectively. Overall, graduate regular session enrollment increased by 271 students or 8.5%.

Regular session full-time graduate enrollment also showed a similar trend to total graduate enrollment, with an increase of 80 students or 3.4%, while total part-time enrollment increased by 191 students (22.4%) between 1998/99 and 2002/03.

Table 1.3.2 - Graduate Enrollment – Regular Session

University		Academic Year 1998/99 – 2002/03				
		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba[1,2]						
	FT	2,312	2,237	2,207	2,275	2,401
	PT	711	733	771	809	856
	Total	**3,023**	**2,970**	**2,978**	**3,084**	**3,257**
	FTE	2,515	2,446	2,427	2,506	2,646
University of Winnipeg - Revised						
	FT	18	18	13	18	12
	PT	22	25	25	25	20
	Total	**40**	**43**	**38**	**43**	**32**
	FTE	24	25	20	25	18
Brandon University						
	FT	3	6	6	6	0
	PT	70	101	92	87	85
	Total	**73**	**107**	**98**	**93**	**85**
	FTE	23	35	32	31	24
Collège de Saint-Boniface						
	FT	0	2	2	0	0
	PT	50	53	61	65	83
	Total	**50**	**55**	**63**	**65**	**83**
	FTE	14	17	19	19	24
Total						
	FT	2,333	2,263	2,228	2,299	2,413
	PT	853	912	949	986	1,044
	Total	**3,186**	**3,175**	**3,177**	**3,285**	**3,457**
	FTE[3]	2,577	2,524	2,499	2,581	2,711

Notes:
1. UM graduate totals include Joint Master's Program students (based on workload calculations) and Post-Graduate Medical and Education (PGME) students.
2. Includes Pre-master's, Master's, Doctoral, Occasional and Diploma students.
3. Totals may not add due to rounding.

FTE=FT+(PT/3.5)

1.3.3 Graduate Enrollment – Spring/Summer Session

As Table 1.3.3 shows, part time graduate enrollment for spring and summer session fluctuated between 1998 and 2002, but increased overall by 37 students or 8.5%. (All graduate students taking part in spring and summer session are considered part time.)

Over the five-year period, regular session graduate enrollment comprised 88% to 89%, and spring and summer session 12% to13% of the total graduate student enrollment. Overall, graduate spring and summer session enrollment accounted for approximately 4% to 5% of total spring and summer session enrollment.

Table 1.3.3 - Graduate Enrollment – Spring/Summer Session

University		Academic Year 1998 – 2002				
		1998	1999	2000	2001	2002
University of Manitoba[1,2]						
	FT	0	0	0	0	0
	PT	299	284	286	338	340
	Total	**299**	**284**	**286**	**338**	**340**
	FTE	85	81	82	97	97
University of Winnipeg						
	FT	0	0	0	0	0
	PT	0	0	0	0	0
	Total	**0**	**0**	**0**	**0**	**0**
	FTE	0	0	0	0	0
Brandon University						
	FT	0	0	0	0	0
	PT	105	62	81	106	84
	Total	**105**	**62**	**81**	**106**	**84**
	FTE	30	18	23	30	24
Collège de Saint-Boniface						
	FT	0	0	0	0	0
	PT	30	27	25	31	47
	Total	**30**	**27**	**25**	**31**	**47**
	FTE	9	8	7	9	13
Total						
	FT	0	0	0	0	0
	PT	434	373	392	475	471
	Total	**434**	**373**	**392**	**475**	**471**
	FTE[3]	124	107	112	136	135

Notes:
1. Includes Pre-master's, Master's, Doctoral, Occasional and Diploma students.
2. Students are counted only once, regardless if they are enrolled in multiple sessions.
3. Totals may not add due to rounding.

FTE=FT+(PT/3.5)

1.3.4 Graduate Enrollment by Gender – Regular Session

As the data in Table 1.3.4 show, women comprised a larger proportion of regular session graduate enrollment at UM, BU and CSB each year between 1998/99 and 2002/03. The data also shows that almost all graduate student enrollments at BU and CSB were on a part-time basis. Of the total graduate enrollment of women at UM, approximately two-thirds were enrolled in full-time and one-third in part-time regular session programs. Additionally in 2002/03, 73.2% of male students and 60.0% of female students were enrolled full-time in graduate programs.

Table 1.3.4 - Graduate Enrollment by Gender – Regular Session

University[1,2]	Academic Year 1998/99 – 2002/03									
	1998/99		1999/00		2000/01		2001/02		2002/03	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
University of Manitoba [3,4]										
FT	931	1,003	892	965	891	931	933	951	984	1,012
PT	442	269	447	286	483	288	508	301	542	314
Total	**1,373**	**1,272**	**1,339**	**1,251**	**1,374**	**1,219**	**1,441**	**1,252**	**1,526**	**1,326**
FTE	1,057	1,080	1,020	1,047	1,029	1,013	1,078	1,037	1,139	1,102
University of Winnipeg [5]										
FT	18		18		13		18		6	6
PT	22		25		25		25		13	7
Total	**40**		**43**		**38**		**43**		**19**	**13**
FTE	24		25		20		25		10	8
Brandon University										
FT	3	0	4	2	3	3	4	2	0	0
PT	43	27	75	26	63	29	65	22	62	23
Total	**46**	**27**	**79**	**28**	**66**	**32**	**69**	**24**	**62**	**23**
FTE	15	8	25	9	21	11	23	8	18	7
Collège de Saint-Boniface - Revised										
FT	0	0	0	2	0	2	0	0	0	0
PT	29	21	38	15	43	18	45	20	55	28
Total	**29**	**21**	**38**	**17**	**43**	**20**	**45**	**20**	**55**	**28**
FTE	8	6	11	6	12	7	13	6	16	8
Grand Total - Revised										
FT	1,955		1,883		1,843		1,908		990	1,018
PT	853		912		949		986		672	372
Total	**2,808**		**2,795**		**2,792**		**2,894**		**1,662**	**1,390**
FTE[6]	2,198		2,143		2,113		2,190		1,183	1,125
Total	-		-		-		-		**2,308**	

Notes:
1. Gender is self-declared. Not all students report their gender.
2. Totals are not equal to those in Table 1.3.2 as not all students report their gender
3. Does not include Post-Graduate Medical and Education (PGME) students.
4. Includes Pre-master's, Master's, Doctoral, Occasional and Diploma students.
5. U W could not provide gender breakdowns for their graduate students for 1998/99 to 2001/02.
6. Totals may not add due to rounding.

FTE=FT+(PT/3.5)

1.4 Degrees Granted

1.4.1 Total Degrees Granted

As Table 1.4.1 shows, over the five-year period, the total number of degrees granted by Manitoba's universities fluctuated annually. The number of degrees granted decreased by 4.8% (271 graduates) between 1998 and 2000, followed by an increase of 6.5% (345 graduates) in 2001 and a decrease of 0.8% (47 graduates) in 2002. The number of university degrees granted increased slightly from 5,614 in 1998 to 5,641 in 2002 – an increase of 27 or 0.5%.

Of the total degrees granted by university in 2002, the UM/CSB granted 74.3%, UW 17.2%, and BU 8.5%, these percentages remained mostly unchanged between 1998 and 2002. The UM grants all CSB degrees.

Table 1.4.1 - Total Degrees Granted - Revised

University[1]	Academic Year 1998 - 2002				
	1998	1999	2000	2001	2002
University of Manitoba [2]	4,136	4,009	3,883	4,092	4,193
University of Winnipeg	992	952	1,010	1,106	966
Brandon University	486	480	450	490	482
Total	**5,614**	**5,441**	**5,343**	**5,688**	**5,641**
CSB	86	95	107	121	123

Notes:
1. The reporting of degrees is based on a calendar year (February, May and October graduands).
2. Includes CSB graduates. CSB is legally an affiliated college of the UM, and as such, the UM Senate confers degrees. Therefore, CSB students receive UM degrees and are counted in the UM graduate tables.

1.4.2 Undergraduate Degrees and Degrees Granted by Gender

As Table 1.4.2 shows, over the five-year period, the total number of undergraduate degrees granted by Manitoba's universities fluctuated annually. The number of degrees granted decreased by 3.7% (184 graduates) between 1998 and 2000, followed by increases in both 2001 and 2002. Overall the number of undergraduate degrees granted increased by 2.1% or 105 graduates between 1998 and 2002.

Of the total undergraduate degrees granted in 1998, 57.4% degrees were granted to women and 42.5% to men. By 2002, the proportion of women receiving undergraduate degrees had increased to 61.1%, while the proportion of men receiving degrees had slipped to 38.9%.

Analysis by gender shows that over the five-year period, the number of women receiving undergraduate degrees increased by 8.7% (245 graduates), while the number

of men receiving undergraduate degrees dropped by 6.7% (140 graduates), due to enrollment decreases in earlier years.

Table 1.4.2 - Undergraduate Degrees and Degrees Granted by Gender - Revised

University [1]	Academic Year 1998 - 2002									
	1998		1999		2000		2001		2002	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
University of Manitoba[2]	1,958	1,556	1,923	1,488	1,928	1,420	2,068	1,470	2,159	1,484
University of Winnipeg[3]	571	373	554	358	589	377	700	358	599	330
Brandon University	295	162	287	160	272	145	297	149	311	137
Subtotal	**2,824**	**2,091**	**2,764**	**2,006**	**2,789**	**1,942**	**3,065**	**1,977**	**3,069**	**1,951**
Total [4]	**4,915**		**4,770**		**4,731**		**5,042**		**5,020**	
Collège de Saint Boniface	54	25	59	23	71	29	86	29	86	33

Notes:

1. The reporting of degrees is based on a calendar year (February, May and October graduands).
2. Includes CSB graduates. CSB is legally an affiliated college of the UM, and as such, the UM Senate confers degrees. Therefore, CSB students receive UM degrees and are counted in the UM graduate tables.
3. Includes the Theology program.
4. Totals are not equal to those in Table 1.4.1 as gender is self-declared. Not all students report their gender.

1.4.3 Graduate Degrees and Degrees Granted by Gender

The total graduate degrees granted by Manitoba's universities between 1998 and 2002 declined by 78 or 11.2%, as shown in Table 1.4.3. The data also shows that in 1998 women received 362 (51.7%), and men 337 (48.2%) of total graduate degrees granted. In 2002, these proportions by gender remained the same, with women receiving 326 (52.4%), and men 295 (47.5%) of total graduate degrees granted.

Table 1.4.3 - Graduate Degrees and Degrees Granted by Gender

University [1]	Academic Year 1998 - 2002									
	1998		1999		2000		2001		2002	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
University of Manitoba [2]	315	307	303	295	273	262	275	279	277	273
University of Winnipeg[3]	27	21	28	12	28	16	30	18	25	12
Brandon University	20	9	20	13	25	8	32	12	24	10
Subtotal	**362**	**337**	**351**	**320**	**326**	**286**	**337**	**309**	**326**	**295**
Total [4]	**699**		**671**		**612**		**646**		**621**	
Collège de Saint Boniface	6	1	8	5	2	5	3	3	2	2

Notes:

1. The reporting of degrees is based on a calendar year (February, May and October graduands).
2. Includes CSB graduates. CSB is legally an affiliated college of the UM, and as such, the UM Senate confers degrees. Therefore, CSB students receive UM degrees and are counted in the UM graduate tables.
3. Includes the Theology program.
4. Totals are not equal to those in Table 1.4.1 as gender is self-declared. Not all students report their gender.

1.5 Undergraduate Enrollment by University and Faculty/School

The remaining sections in this chapter present a more detailed level of data and analysis for each university by faculty/school on undergraduate and graduate enrollment, credit hours, course section size, international student enrollment and degrees granted. Most of the data for Continuing Education programs are included in an appendix to this publication. However, those Continuing Education programs that were funded in the five year period between 1998/99 and 2002/03 will appear in the tables below.

1.5.1 Undergraduate Enrollment by University and Faculty/School–Regular Session

- **University of Manitoba**

Total undergraduate regular session enrollment at the UM increased by 20.2% (3,649 students) over the five-years between 1998/99 and 2002/03. Table 1.5.1 shows that between 1998/99 and 2002/03, those faculties with the largest enrollments at the UM in 1998/99 had substantial increases in enrollments by 2002/03. These include University 1 (69.0%), Arts (23.6%), Management (13.4%) and Science (11.4%). Other faculties with smaller enrollment capacity that showed large increases were Art (14.0%), and Medicine (12.3%).

Other faculties/schools such as, Agriculture, Education, Engineering, and Human Ecology had enrollment decreases of 43.1% 35.1%, 15.6%, and 8.1% respectively, while enrollments in faculties such as Pharmacy, Medical Rehabilitation, Architecture, Music, Law and Dentistry remained about the same over the five-year period. Of particular note are the enrollment changes in Nursing and Continuing Education, which showed increases of 87.1% (649 students) and 54.0% (542 students) during the same time period. These increases coincide with high profile programs and government priorities within the field of nursing and child welfare.

The UM data also shows changes in enrollment trends by gender. As a proportion of total enrollment over the five-year period, the enrollment of women in undergraduate programs increased from 9,862 (54.6%) in 1998/99 to 12,513 (57.6%) in 2002/03. During the same time period, enrollment for men increased from 8,213 to 9,211, but at a decreasing proportion of undergraduate regular session enrollment from 45.4% to 42.4%.

Additional findings show that the number of women in UM professional programs increased in Medicine (39.3%), Management (19.0%), Law (11.5%), and Pharmacy (7.9%). This can be attributed to an overall general increase in the number of women enrolled in undergraduate studies over the five-year period. In contrast, the enrollment of men in the nursing program increased by 68.7% (57 students) during the 1998/99 to 2002/03 period.

- **University of Winnipeg**

Table 1.5.1 shows that between 1998/99 and 2002/03, on a year-over-year basis undergraduate regular session enrollment at UW increased steadily by 29.1% or 1,724 students. The enrollment data by faculty at the UW indicates that over the five-year period, enrollments in Arts and Science decreased by 1,318 students (38.2%) and 529 students (47.0%) respectively, while enrollment in Education increased by 522 students (124.3%). The enrollment increase in Education coincides with the addition of the fifth year of the Bachelor of Education Program in 2000/01. The enrollment of "Other" students who had not yet declared a major had more than tripled over the five years.

Enrollment by gender at UW shows that between 1998/99 and 2002/03 the number of women enrolled increased by 1,293 or 35.8%, and the number of men enrolled increased by 431 or 18.6%.

- **Brandon University**

As shown in Table 1.5.1, undergraduate regular session enrollment at BU increased in each year between 1998/99 and 2002/03 for an overall increase of 26.2% (652 students). The largest one year increase in undergraduate regular session enrollment at BU was between 2001/02 and 2002/03 at 9.8% (279 students).

With the exception of the Faculty of Music, which showed a slight decrease in enrollment over the five years, all of the faculties at BU saw undergraduate regular session enrollment increase. Of considerable note are the increases in First Nations Aboriginal Counselling (138.1%), General Studies (121.5%) and Health Studies (93.1%). Enrollment in Arts, Science and Education also increased but at lower rates – 14.1%, 12.0%, and 4.1% respectively.

Similar to UM and UW, the BU data shows that as a proportion of the total enrollment, the number of women enrolled increased from 1,600 (64.3%) to 2,112 (67.3%), and the enrollment of men increased from 887 (35.7%) to 1,027 (32.7%) between 1998/99 and 2002/03.

- **Collège de Saint-Boniface**

Over the five-year period between 1998/99 to 2002/03, undergraduate regular session enrollment at CSB rose by a total of 54.0% (276 students). Enrollment by faculty at CSB shows increases in Arts (107 students or 66.5%), and in University 1 (115 students or 113.9%) over the five-year period. Enrollment in Education remained essentially unchanged over the five years. Analysis by gender shows that of the total enrollment at CSB, the proportion of women enrolled (70%) relative to men (30%) remained stable over the five-year period.

Table 1.5.1 - Undergraduate Enrollment by University and Faculty/School – Regular Session

Faculty by University	Academic Year 1998/99 – 2002/03																			
	1998/99				1999/00				2000/01				2001/02				2002/03			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba[1]																				
Agricultural & Food Sciences																				
Degree	218	197	19	26	184	178	21	26	155	156	24	24	126	150	40	18	112	123	21	20
Diploma	25	138	4	14	29	115	4	20	26	96	2	12	13	86	5	10	7	67	2	13
Architecture	151	121	6	4	163	115	6	8	179	113	5	5	161	104	6	9	178	98	6	7
Art, School of	158	113	37	28	156	103	45	28	161	92	51	31	161	106	59	26	176	105	69	33
Arts	1,174	827	391	287	1,143	784	421	271	1,262	791	373	235	1,483	953	393	289	1,524	1,009	460	319
Continuing Education	187	254	315	247	159	186	373	239	171	202	449	247	208	221	634	281	274	287	679	305
Dentistry																				
Dentistry	39	57	0	0	43	55	0	0	42	52	0	0	49	53	0	0	44	62	0	0
B.Sc. (Dentistry)	5	3	0	0	1	2	0	0	4	3	0	0	2	1	0	0	2	2	0	0
Dental Hygiene	50	1	0	0	49	3	0	0	51	3	0	0	51	1	0	0	49	3	0	0
Education[2]	811	303	211	115	572	240	201	76	452	200	313	94	406	193	307	74	377	173	316	68
Engineering	222	812	35	152	200	727	27	139	195	707	25	129	166	736	28	114	156	734	16	124
Human Ecology[2]	263	19	55	7	208	12	44	5	190	10	36	3	219	8	27	3	264	13	35	4
Law	139	135		6	134	138	6	1	132	132	5	4	128	115	10	5	146	129	9	4
Management	490	627	94	126	514	638	98	121	508	650	133	157	543	665	126	141	560	685	135	136
Medicine																				
Medicine	112	190	0	0	107	196	0	0	123	185	0	0	136	187	0	0	156	183	0	0
B.Sc. (Medicine)	8	21	0	0	9	17	0	0	8	21	0	0	10	15	0	0	12	17	0	0
Medical Rehabilitation	135	46	8	3	142	37	15	2	147	31	4	0	165	30	8	6	160	34	1	
Music[2]	95	48	11	6	106	42	11	7	94	36	13	11	91	37	7	8	104	48	7	7
Nursing	361	58	301	25	346	63	320	36	557	86	273	40	676	96	396	41	721	85	533	55
Pharmacy	124	65	3	3	132	58	2	3	131	60	3	1	128	60	3	1	133	55	4	
Phys Ed & Rec Studies	161	91	30	32	170	98	29	23	172	120	35	21	196	118	26	23	181	133	22	25
Science	836	1,038	142	249	785	1,060	158	230	861	1,056	154	253	855	1,084	188	246	886	1,119	213	305
Social Work	297	51	100	29	280	50	84	15	303	44	109	20	318	45	124	33	260	43	126	33
University 1[3]	1,483	1,253	111	92	1,817	1,478	263	233	2,011	1,623	284	249	2,279	1,742	339	287	2,338	1,852	421	356
Subtotal (excluding Distance Ed)	**7,544**	**6,468**	**1,873**	**1,451**	**7,449**	**6,395**	**2,128**	**1,483**	**7,935**	**6,469**	**2,291**	**1,536**	**8,570**	**6,806**	**2,726**	**1,615**	**8,820**	**7,059**	**3,075**	**1,814**

Table 1.5.1 cont. . .	1998/99				1999/00				2000/01				2001/02				2002/03			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba																				
Distance Education[4]	0	0	445	294	0	0	430	269	0	0	477	292	0	0	498	319	0	0	618	338
Subtotal (incl. Distance Ed[4])	**7,544**	**6,468**	**2,318**	**1,745**	**7,449**	**6,395**	**2,558**	**1,752**	**7,935**	**6,469**	**2,768**	**1,828**	**8,570**	**6,806**	**3,224**	**1,934**	**8,820**	**7,059**	**3,693**	**2,152**
Total Full and Part time	**14,012**		**4,063**		**13,844**		**4,310**		**14,404**		**4,596**		**15,376**		**5,158**		**15,879**		**5,845**	
Total U of M	**18,075**				**18,154**				**19,000**				**20,534**				**21,724**			

Notes:

1. Excludes pre-master's students. Pre-master's students are included in Graduate Studies.
2. Enrollment in the integrated B. Human Ecology/B. Education program is reflected in Education for Years 2 through 5. Enrollment in the integrated B. Music/B. Education program is reflected in Music for Years 2 and 3 and in Education for Years 4 and 5. Enrollment in the integrated programs for 2001/02 is reflected in Human Ecology (B. Human Ecology/B. Education) and Music (B. Music/B. Education) for Years 3 and 4 and in Education for Year 5.
3. University I program was introduced in 1998. Most "new" students, with limited or no university experience registered in this program. Faculties/schools that had previously accepted "new" students will show an enrollment drop for 1998.
4. Distance Education includes only those students taking *all* of their courses through a distance mode of delivery. Students taking a combination of on-campus and distance courses are included under their faculty of registration.

Table 1.5.1 cont. . .	1998/99				1999/00				2000/01				2001/02				2002/03			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Winnipeg																				
Arts	1,466	930	634	420	1,291	731	548	338	1,110	683	586	304	1,023	626	552	312	759	504	559	310
Education	275	77	48	20	423	116	44	24	490	130	58	30	598	134	69	37	644	161	83	54
Science	487	428	103	107	460	332	123	96	379	263	107	89	336	237	95	84	211	179	111	95
Other [1]	333	178	263	162	521	374	428	245	823	510	480	308	1,053	637	640	343	1,764	986	771	464
Subtotal	**2,561**	**1,613**	**1,048**	**709**	**2,701**	**1,553**	**1,143**	**703**	**2,802**	**1,586**	**1,231**	**731**	**3,010**	**1,634**	**1,356**	**776**	**3,378**	**1,830**	**1,524**	**923**
Total Full and Part time	**4,174**		**1,757**		**4,254**		**1,846**		**4,388**		**1,962**		**4,644**		**2,132**		**5,208**		**2,447**	
Total U of W	**5,931**				**6,100**				**6,350**				**6,776**				**7,655**			

Note:
1. "Other" includes the students who have not declared a major.

Table 1.5.1 cont. . .	1998/99				1999/00				2000/01				2001/02				2002/03			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Brandon University																				
Arts	317	199	150	85	35	207	173	96	334	226	169	112	317	206	178	100	367	222	177	91
Science	247	199	80	61	247	177	80	71	251	187	109	49	282	186	90	57	274	191	86	60
Education	270	77	217	92	273	85	193	60	272	64	236	65	305	77	217	83	323	83	243	86
Music	59	31	10	5	58	31	7	6	62	21	8	6	59	23	3	4	60	27	10	4
General Studies	74	82	68	41	89	84	91	54	123	122	94	73	155	136	116	44	192	137	172	86
Health Studies	53	4	39	6	63	8	72	9	68	16	62	9	85	14	59	11	93	17	80	7
First Nations Aboriginal Counseling	4	1	12	4	21	4	5	0	28	8	7	5	28	9	12	4	23	11	12	4
Non-faculty [1]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	1
Subtotal	**1,024**	**593**	**576**	**294**	**1,106**	**596**	**621**	**296**	**1,138**	**644**	**685**	**319**	**1,231**	**651**	**675**	**303**	**1,332**	**688**	**780**	**339**
Total Full and Part time	**1,617**		**870**		**1,702**		**917**		**1,782**		**1,004**		**1,882**		**978**		**2,020**		**1,119**	
Total BU	**2,487**				**2,619**				**2,786**				**2,860**				**3,139**			

Note
1. Non faculty students have not registered in a faculty as of November 1st in that year.

Table 1.5.1 con't...	1998/99				1999/00				2000/01				2001/02				2002/03			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Collège de Saint-Boniface																				
Arts	56	27	57	21	64	30	57	27	79	32	77	31	101	28	90	25	107	23	105	33
Admin. des Affaires (Business Admin.)	-	-	-	-	5	7	0	1	5	6	0	2	9	8	0	2	12	9	3	3
Science	28	14	16	9	24	15	6	4	27	14	7	4	34	14	9	3	25	13	16	8
Éducation	68	18	38	10	64	17	33	10	46	15	30	9	50	22	26	12	67	21	29	17
Université 1[1]	57	31	10	3	87	36	28	11	111	52	25	11	104	53	30	15	121	51	23	21
Éducation permanente (Continuing Education)[2]	2	1	11	10	0	1	17	5	0	0	11	4	0	0	14	5	3	2	18	9
Étudiants de UofM (U of M Students)[3]	0	0	12	8	1	1	39	32	1	0	35	18	2	1	24	13	2	3	22	15
Subtotal	**211**	**91**	**144**	**61**	**245**	**107**	**180**	**90**	**269**	**119**	**185**	**79**	**300**	**126**	**193**	**75**	**337**	**122**	**216**	**106**
Total Full and Part time	**302**		**205**		**352**		**270**		**388**		**264**		**426**		**268**		**459**		**322**	
Total CSB	**507**				**622**				**652**				**694**				**781**			

Notes:

1. University I program was introduced in 1998. Most "new" students, with limited or no university experience registered in this program. Faculties/schools that had previously accepted "new" students will show an enrollment drop for 1998.
2. These students are taking courses at the university level but are not seeking a credential.
3. These are UM students taking courses at CSB.

1.5.2 Undergraduate Enrollment by University and Faculty/School – Spring/ Summer Session

- **University of Manitoba**

Consistent with the trend for total undergraduate enrollment, enrollment in spring and summer session at UM showed increases in each year between 1998/99 and 2002/03 (Table 1.5.2). Overall the enrollment increased by 1,488 students or 26.3%.

Part-time study comprised 96.9% of total spring and summer session enrollment in 2002/03. Enrollment in full-time study however, increased by 46 students (25.8%) between 1998 and 2002.

Analysis of data by faculty for spring and summer session shows similar trends to that of regular session. Over time, there were enrollment decreases in spring and summer session in Education (52.4%), Agriculture (42.4%), Human Ecology (32.8%), Engineering (14.7%), and Science (10.0%). There were increases in Nursing (105.6%), Continuing Education (49.1%), Management (30.7%), and Arts (5.4%). After the introduction of University 1 in 1998, enrollments for spring and summer session began to rise dramatically. Between 1998/99 and 2002/03 spring and summer session enrollment in University 1 increased from 11 students to 1,387 students or 12,509%.

- **University of Winnipeg**

As Table 1.5.2 shows, spring and summer session enrollment at UW fluctuated between 1998/99 and 2002/03, resulting in an overall increase of 248 students or 15.3%. Consistent with the UW regular session enrollment trends, the faculties of Arts and Science had decreased enrollments of 101 students (15.1%) and 28 students (13.3%) respectively, while Education increased by 191 students (230.1%) over the five years. Enrollment of the "Other" students who had not declared a major, rose over time which accounts for the declining enrollments in the faculties above.

- **Brandon University**

BU does not offer full-time spring and summer session programming, as noted in Table 1.5.2. Similar to the increasing regular session enrollment trend at BU, part time spring and summer session enrollment also increased by 317 students (28.9%) between 1998/99 and 2002/03. This was largely due to a larger number of spring and summer courses being offered on an annual basis.

Analysis by faculty for spring and summer session shows a consistent pattern with regular session enrollment increases in all faculties over the five years. Arts (87 students or 65.4%), Music (5 students or 71.4%), Science (4 students or 4.6%), and Education (8 students or 1.1%). Of particular note are the large increases in General Studies, the School of Health Studies, and the First Nations Aboriginal Counseling Program.

- **Collège de Saint-Boniface**

CSB does not offer spring and summer session programming on a full-time basis. Part times spring and summer session enrollment at CSB followed the general undergraduate enrollment pattern by increasing each year between 1998/99 and 2002/03.

Overall, spring and summer session enrollment at CSB increased by 102.8% (109 students). While enrollment in most of programs at CSB fluctuated, enrollment in Arts and University 1 more than doubled between 1998/99 and 2002/03.

Table 1.5.2 - Undergraduate Enrollment by University and Faculty/School – Spring/Summer Session

Faculty by University	Academic Year 1998/99 – 2002/03									
	1998/99		1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
University of Manitoba [1]										
Agricultural & Food Sciences (Degree)	1	65	0	54	1	47	1	47	0	38
Agricultural & Food Sciences (Diploma)	0	0	0	0	0	0	0	1	0	0
Architecture	0	53	1	67	0	20	0	26	0	44
Art, School of	0	79	0	74	0	85	2	80	1	93
Arts	32	1,058	23	802	21	797	40	932	42	1,107
Continuing Education	11	533	10	682	23	692	9	772	15	796
Dentistry (Dental Hygiene)	0	0	0	3	0	1	0	1	0	0
Education	19	798	7	753	5	612	3	460	3	386
Engineering	0	464	1	419	0	420	1	399	0	396
Human Ecology	5	193	0	144	0	108	0	115	0	133
Law	0	1	0	1	0	6	0	0	0	0
Management	14	380	9	400	5	432	7	470	4	511
Medicine (Medical Rehabilitation)	0	144	0	145	0	141	0	148	0	161
Music	0	51	0	62	2	53	1	46	0	52
Nursing	2	374	0	403	9	472	10	670	14	759
Pharmacy	0	38	0	21	0	19	0	13	0	6
Phys Ed & Rec Studies	0	127	0	111	0	122	0	144	0	145
Science	54	950	67	712	69	822	56	819	60	844
Social Work	40	166	32	197	37	233	44	147	53	101
University I [2]	0	11	9	707	24	944	24	1,234	32	1,355
Subtotal	**178**	**5,485**	**159**	**5,757**	**196**	**6,026**	**198**	**6,524**	**224**	**6,927**
Total	**5,663**		**5,916**		**6,222**		**6,722**		**7,151**	

Note:
1. A student is counted once even if they are enrolled in multiple sessions.
2. University I program was introduced in 1998. Most "new" students, with limited or no university experience have registered under this program. Faculties/schools that had previously accepted "new" students will show an enrollment drop for 1998.

Table 1.5.2 con't...	1998/99		1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
University of Winnipeg										
Arts	8	660	6	704	9	697	18	725	6	561
Education	0	83	4	167	2	179	2	206	1	273
Science	2	209	2	229	2	231	0	208	2	181
Other[1]	3	659	1	394	4	486	0	352	2	846
Subtotal	**13**	**1,611**	**13**	**1,494**	**17**	**1,593**	**20**	**1,491**	**11**	**1,861**
Total	**1,624**		**1,507**		**1,610**		**1,511**		**1,872**	

Note:
1. "Other" category includes those students who have not declared a major.

Table 1.5.2 con't...	1998/99		1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Brandon University [1]										
Arts	0	133	0	199	0	135	0	179	0	220
Science	0	87	0	94	0	76	0	108	0	91
Education	0	732	0	595	0	521	0	686	0	740
Music	0	7	0	12	0	4	0	10	0	12
General Studies	0	102	0	144	0	200	0	190	0	238
Health Studies	0	29	0	39	0	56	0	52	0	72
First Nations Aboriginal Counseling	0	5	0	11	0	32	0	39	0	39
Non-faculty	0		0		0	2	0		0	
Subtotal	**0**	**1,095**	**0**	**1,094**	**0**	**1,026**	**0**	**1,264**	**0**	**1,412**
Total	**1,095**		**1,094**		**1,026**		**1,264**		**1,412**	

Note:
1. Spring and Summer Session courses are not offered on a full-time basis.

Table 1.5.2 con't...	1998/99		1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Collège de Saint-Boniface [1]										
Arts	0	44	0	36	0	54	0	86	0	110
Adminstration des Affaires (Business Administration)	-	-	-	-	0	5	0	1	0	3
Science	0	17	0	9	0	10	0	4	0	16
Éducation	0	35	0	50	0	43	0	28	0	36
Université 1[2]	0	0	0	6	0	23	0	22	0	34
Éducation permanente (Continuing Education)[3]	0	6	0	18	0	2	0	3	0	8
Étudiants de Uof M (U of M Students)[4]	0	4	0	3	0	3	0	1	0	8
Subtotal	**0**	**106**	**0**	**122**	**0**	**140**	**0**	**145**	**0**	**215**
Total	**106**		**122**		**140**		**145**		**215**	

Notes:
1. Spring/Summer Session courses are not offered on a full-time basis.
2. University 1 program was introduced in 1998. Most "new" students, with limited or no university experience have registered under this program. Faculties/schools that had previously accepted "new" students will show an enrollment drop for 1998.
3. These students are taking courses at the university level but are not seeking a credential.
4. These are UM students taking courses at CSB.

1.6 Undergraduate International Student Enrollment – Regular Session

The data in Table 1.6.1 shows, in general, regular session undergraduate international student enrollment rose over the five-year period.

- **University of Manitoba**

Total undergraduate international student enrollment more than doubled at the UM over the five-years between 1998/99 and 2002/03. As mentioned in Table 1.2.6, the majority of international students at UM (71.0%) cite Asia as their place of origin.

In 1998/99, 29.5% of all international students at UM cited Malaysia as their country of origin. This was followed by 15.3% of international students citing Hong Kong as their city of origin and 5.7% from Japan. However, by 2002/03, China at 25.9% had become the single largest source country for international students at UM, followed by Hong Kong at 9.5% and Malaysia at 7.3%.The remainder of the international students at the UM cited Europe (9.3%), North & Central America (8.6%), Africa (6.9%) and the Middle East (1.9%) as their place of origin.

- **University of Winnipeg**

Table 1.6.1 shows that between 1998/99 and 2002/03 undergraduate international student enrollment increased at UW from 234 to 259 students or 10.7%. On a year-over-year basis, international enrollment decreased between 1998/99 and 1999/00 by 26.1% (61 students) and remained at that level for 2000/01. By 2001/02, enrollment of international students had increased, almost recovering to 1998/99 levels and in 2002/03 enrollment increased again surpassing 1998/99 levels.

In 1998/99 almost half of the international students at UW cited Hong Kong (47.4%) as their place of origin. However, by 2002/03 China (20.5%) supplied the largest percentage of the international enrollment at UW, although at a much lower percentage. Hong Kong slipped to second in 2002/03, with 16.2% of international enrollment at the UW.

- **Brandon University**

Between 1998/99 and 2002/03 undergraduate international student enrollment increased at BU from 72 to 99 students or 37.5%. On a year-over-year basis, international enrollment increased between 1998/99 and 2000/01 by 20.8% (15 students). This was followed by a decrease of 9.2% (8 students) in the next year. In 2002/03, the enrollment of international students rebounded and more than surpassed 2000/01 levels.

In 1998/99, the majority of international students at BU cited Taiwan (23.6%) as their country of origin, however by 2002/03, 23.2% of BU international students came from China. This was the majority of international enrollment at BU.

- **Collège de Saint-Boniface**

Over the five year period between 1998/99 and 2002/03, undergraduate international enrollment at CSB tripled from 9 students to 27 students as shown in Table 1.6.1. Annually, international enrollment increased in every year, except in 2002/03 where international enrollment decreased by 12.9% (4 students). In contrast to the UM, UW and BU, the majority of international students at CSB cite Africa (63.0%) as their place of origin.

Table 1.6.1 - Undergraduate International Student Enrollment –Regular Session

University		Academic Year 1998/99 – 2002/03				
		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba						
Africa	Botswana	2	4	8	7	7
	Burundi	1	1	0	0	2
	Ghana	1	2	5	4	4
	Ivory Coast	0	0	0	0	1
	Kenya	6	11	15	10	12
	Libya	1	2	2	0	0
	Malawi	0	0	0	0	0
	Mali	0	0	0	2	2
	Mauritania	0	0	0	0	1
	Mauritius	0	1	0	0	0
	Morocco	1	1	2	0	3
	Mozambique	10	10	10	7	5
	Namibia	1	1	2	2	2
	Nigeria	2	2	3	7	7
	South Africa	0	2	6	5	3
	Sudan	1	0	0	0	0
	Tanzania	2	2	2	2	1
	Uganda	1	1	0	1	1
	Zaire	0	0	0	1	1
	Zambia	2	0	0	1	2
	Zimbabwe	3	3	4	2	3
	Subtotal	**34**	**43**	**59**	**51**	**57**
Asia	Bangladesh	0	0	1	6	9
	China, People's Republic	8	20	32	100	213
	Hong Kong	56	62	75	69	78
	India	5	7	12	14	19
	Indonesia	7	10	12	19	23
	Japan	21	27	32	39	38
	Korea, North	0	1	0	0	0
	Korea, South	18	22	35	40	54
	Macau	2	2	2	1	1
	Malaysia	108	107	82	59	60
	Maldives	0	0	0	0	1
	Myanmar	1	1	1	1	4
	Nepal	1	1	1	1	0
	Pakistan	3	5	6	4	9
	Phillipines	1	1	2	2	4
	Singapore	2	1	2	2	11
	Sri Lanka	0	1	2	6	9
	Taiwan	7	14	29	37	43
	Thailand	1	2	2	5	1
	Vietnam, South	0	0	0	1	1
	Vietnam	1	2	1	2	5
	Subtotal	**242**	**286**	**328**	**408**	**583**

Table 1.6.1 con't		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba						
Europe	Albania	0	1	1	0	0
	Belgium	0	2	0	1	1
	Bosnia-Hercegovina	0	0	1	1	0
	Bulgaria	0	0	0	1	0
	Czech Republic	1	1	1	1	0
	Denmark	1	3	3	4	3
	Finland	3	2	0	0	1
	France	7	11	15	16	10
	Germany	15	12	11	18	17
	Greece	1	0	1	2	2
	Hungary	0	0	0	1	1
	Iceland	0	0	3	0	2
	Italy	1	1	1	1	0
	Luxembourg	0	0	0	1	0
	Macedonia	0	0	0	0	1
	Netherlands	0	3	7	4	4
	Norway	2	1	1	3	2
	Poland	0	0	0	2	3
	Portugal	5	5	4	2	1
	Romania	1	0	0	1	1
	Russia	1	3	2	2	7
	Spain	2	4	2	3	3
	Sweden	1	1	1	1	0
	Switzerland	0	2	0	0	2
	Ukraine	2	5	4	7	8
	United Kingdom	9	6	4	5	7
	Yugoslavia	1	2	0	0	0
	Subtotal	**53**	**65**	**62**	**77**	**76**
Middle East	Iran	4	2	4	0	2
	Israel	2	2	1	4	3
	Lebanon	0	0	0	1	2
	Palestine	0	0	0	0	1
	Saudi Arabia	2	2	1	1	5
	Turkey	1	1	1	1	2
	United Arab Emirates	0	0	0	2	1
	Subtotal	**9**	**7**	**7**	**9**	**16**
North & Central America	Anguilla	0	0	0	1	1
	Aruba	0	0	0	0	1
	Bahamas	0	0	0	1	0
	Barbados	0	0	0	1	0
	Honduras	0	0	0	0	2
	Jamaica	0	0	0	0	1
	Mexico	5	13	11	36	28
	Nicaragua	1	1	0	0	0
	Panama	0	1	2	1	1
	St. Lucia	0	2	1	0	0
	St. Vincent & Grenadines	0	0	0	0	1
	Trinidad and Tobago	2	5	4	8	10
	United States	13	17	24	24	26
	Subtotal	**21**	**39**	**42**	**72**	**71**

Table 1.6.1 con't		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba						
Oceana	Australia	1	1	4	4	8
	New Zealand	1	0	0	0	0
	Subtotal	**2**	**1**	**4**	**4**	**8**
South America	Argentina	0	0	1	1	0
	Brazil	2	2	2	7	4
	Chile	1	1	1	1	1
	Colombia	1	3	3	2	2
	Peru	1	1	1	0	0
	Uruguay	0	0	0	0	0
	Venezuela	0	0	0	0	3
	Subtotal	**5**	**7**	**8**	**11**	**10**
Total University of Manitoba		**366**	**448**	**510**	**632**	**821**

Table 1.6.1 con't		1998/99	1999/00	2000/01	2001/02	2002/03
University of Winnipeg						
Africa	Ghana	1	2	2	1	1
	Kenya	4	2	2	1	2
	Nigeria	0	0	0	4	6
	South Africa	2	0	0	0	0
	Sudan	0	0	0	1	1
	Uganda	0	2	2	2	2
	Zambia	0	1	0	2	6
	Zimbabwe	1	1	2	1	1
	Subtotal	**8**	**8**	**8**	**12**	**19**
Asia	Bangladesh	0	1	1	1	2
	China, People's Republic	5	8	8	19	53
	Hong Kong	111	46	46	56	42
	India	2	0	0	5	6
	Indonesia	4	2	2	2	2
	Japan	8	9	9	17	18
	Korea, North	2	2	2	2	1
	Korea, South	3	1	1	9	20
	Macau	2	2	2	2	2
	Malaysia	23	8	9	13	9
	Myanmar	0	0	0	0	1
	Pakistan	0	1	1	7	9
	Phillipines	0	0	0	0	2
	Singapore	3	1	1	4	5
	Sri Lanka	0	0	0	1	2
	Taiwan	6	11	11	12	16
	Thailand	1	1	1	4	4
	Vietnam (North)	1	2	2	2	0
	Subtotal	**171**	**95**	**96**	**156**	**194**
Europe	Belarus	0	1	1	1	0
	Bulgaria	0	0	0	0	2
	Croatia	0	1	1	0	0
	Denmark & Greenland	2	0	0	2	1
	France	1	1	1	0	2
	Germany	4	2	2	4	4
	Greece	1	2	2	0	0
	Italy	0	1	1	0	0
	Lithuania	3	5	4	4	1
	Netherlands	0	0	0	1	1
	Poland	0	1	1	4	4
	Portugal	1	1	1	1	0
	Russia	2	0	0	1	2
	Spain	0	1	1	0	0
	Sweden	1	0	0	0	0
	Switzerland	0	0	0	0	1
	United Kingdom	4	3	3	0	1
	Subtotal	**19**	**19**	**18**	**18**	**19**

Table 1.6.1 con't		1998/99	1999/00	2000/01	2001/02	2002/03
University of Winnipeg						
Middle East	Iran	1	0	0	0	1
	Israel	0	0	0	1	1
	Saudi Arabia	0	2	2	2	3
	Turkey	0	1	1	1	1
	Subtotal	**1**	**3**	**3**	**4**	**6**
North & Central America	Belzie	0	1	1	1	1
	Dominica	1	0	0	0	0
	El Salvadore	0	0	0	0	1
	Jamaica	3	2	2	4	2
	Mexico	0	0	0	5	4
	Trinidad & Tobago	7	3	3	2	1
	United States	1	8	8	7	7
	Subtotal	**12**	**14**	**14**	**19**	**16**
South America	Argentina	0	1	1	0	1
	Brazil	0	1	1	2	2
	Colombia	0	1	1	0	0
	Paraguay	0	0	0	0	1
	Subtotal	**0**	**3**	**3**	**2**	**4**
Undeclared		**23**	**31**	**31**	**1**	**2**
Total University of Winnipeg		**234**	**173**	**173**	**212**	**259**

Table 1.6.1 con't		1998/99	1999/00	2000/01	2001/02	2002/03
Brandon University						
Africa	British West Indies	0	0	1	0	0
	Cameroon Republic	0	2	2	2	2
	Ghana	1	1	5	2	4
	Kenya	1	0	0	2	1
	Malawi	0	1	1	0	0
	Nigeria	2	5	3	2	1
	Rwanda	1	1	0	0	0
	South Africa	0	1	2	2	2
	Sudan	1	1	0	0	0
	Tanzania	0	1	1	1	0
	Zambia	0	0	0	1	0
	Zimbabwe	1	1	1	1	2
	Subtotal	**7**	**14**	**16**	**13**	**12**
Asia	Bangladesh	0	0	2	4	7
	China, People's Republic	16	14	11	12	23
	Hong Kong	1	0	0	1	1
	India	0	1	2	2	1
	Indonesia	1	2	1	1	0
	Japan	1	1	2	1	1
	Korea, North	1	1	1	2	5
	Korea, South	2	1	2	5	4
	Malaysia	1	0	0	0	0
	Pakistan	2	2	1	1	2
	Syria	0	1	1	1	2
	Taiwan	17	24	19	11	11
	Subtotal	**42**	**47**	**42**	**41**	**57**
Europe	Albania	0	0	2	0	0
	Czechoslovakia	1	1	0	0	0
	Denmark	0	1	0	0	0
	Germany	4	4	5	1	2
	Hungary	2	1	2	1	1
	Russia	0	0	1	1	0
	Spain	1	0	0	0	0
	Sweden	1	0	0	0	0
	Switzerland	0	0	0	0	1
	United Kingdom	1	1	3	1	1
	Subtotal	**10**	**8**	**13**	**4**	**5**
Middle East	Iran	0	0	1	0	0
	Israel	0	0	0	0	1
	United Arab Emirates	0	0	0	0	2
	Subtotal	**0**	**0**	**1**	**0**	**3**

Table 1.6.1 con't		1998/99	1999/00	2000/01	2001/02	2002/03
Brandon University						
North & Central America	Bahamas	0	1	1	2	1
	Costa Rica	0	1	0	0	0
	Mexico	1	2	0	5	5
	St. Lucia	0	0	1	1	0
	United States	10	6	7	8	10
	Subtotal	**11**	**10**	**9**	**16**	**16**
Oceana	Australia	**0**	**0**	**1**	**0**	**0**
S. America	Brazil	**0**	**2**	**2**	**2**	**2**
Undeclared		**2**	**1**	**3**	**3**	**4**
Total Brandon University		**72**	**82**	**87**	**79**	**99**

Table 1.6.1 con't		1998/99	1999/00	2000/01	2001/02	2002/03
Collège de Saint-Boniface						
Africa	Burundi	0	0	0	3	3
	Cameroon	0	0	1	1	1
	Djibouti	0	0	0	1	0
	Guinée-Bissau	0	1	1	1	0
	Ivory Coast	1	1	0	1	1
	Mali	0	1	4	8	7
	Morocco	1	2	2	2	2
	Senegal	1	0	0	1	3
	Somolia	0	1	0	0	0
	Subtotal	**3**	**6**	**8**	**18**	**17**
Europe	Austria	1	0	0	0	0
	Belgium	0	2	0	0	0
	France	1	11	11	8	8
	Germany	0	0	0	2	1
	Poland	0	0	0	1	0
	Subtotal	**2**	**13**	**11**	**11**	**9**
Middle East	Turkey	**1**	**1**	**0**	**0**	**0**
North & Central America	Mexico	0	0	0	1	0
	St. Lucia	3	3	0	0	0
	United States	0	0	0	1	1
	Subtotal	**3**	**3**	**0**	**2**	**1**
Total Collège de Saint-Boniface		**9**	**23**	**19**	**31**	**27**

1.7 Undergraduate Credit Hours

Credit hours are defined as the hours of weight associated with a course, indicating the relative weight of the course in a program of study. Total credit hours are the sum of all credit hours taught by faculty. As the data indicate, credit hours at each institution generally follow the same trend as enrollment.

1.7.1 Undergraduate Credit Hours by University and Faculty/School – Regular Session

Between 1998/99 and 2002/03, the total number of undergraduate credit hours for regular session increased by 112,621 or 19.2%. The pattern of total credit hours by year followed the same general trend as that of total undergraduate enrollment, with the UM being the only university to show a slight decrease in 1999/00, followed by increases each year between 1998/99 and 2000/01.

- **University of Manitoba**

As Table 1.7.1 shows, the total undergraduate credit hours for regular session at UM increased steadily between 1998/99 and 2002/03, with the exception of a slight decrease between 1998/99 and 1999/00 of 0.9% (3,592 credit hours). Overall, there was an increase of 56,118 (13.4%) in credit hours at UM between 1998/99 and 2002/03.

Consistent with UM data on undergraduate enrollment by faculty (Table 1.7.1), those faculties/schools with the largest enrollment decreases also had large decreases in credit hours over the five-year period. These include Engineering (10.9%), Education (18.4%), Agriculture (45.9%).

Similarly, those faculties/schools with higher enrollment increases between 1998/99 and 2002/03 also had the highest increases in credit hours over the same time period. These include Management (22.8%), Arts (22.1%) and Science (111.4%). The Faculty of Nursing showed the largest change in credit hours over time – from 12,218 credit hours in 1998/99 to 26,882 credit hours in 2002/03 – an overall increase of 120.0%.

Defying the trend, Human Ecology showed an increase in the number of credit hours between 1998/99 and 2002/03, even though enrollment decreased by 8.1% during the period.

- **University of Winnipeg**

The UW revised all credit hour figures as of November 2003. These data should not be compared to data reported previously in the 2003 Statistical Compendium.

The total undergraduate credit hours for regular session, as shown in Table 1.7.1, increased at UW by 39,130 (36.1%) between 1998/99 and 2002/03.

Inconsistent with undergraduate enrollment data by faculty, there was an increase in credit hours in the faculties of Arts (19,972 or 27.8%), and Science (6,156 or 20.6%) between 1998/99 and 2002/03. This difference is largely due to the large number of students that did not declare a major, see Table 1.5.1. The number of credit hours in Education more than tripled over the five-year period which, as mentioned previously, was due to the changes taking place in the Education programs during that time. Credit hours also increased at Menno Simons College in International Development Studies and Conflict Resolution Studies.

- **Brandon University**

As Table 1.7.1 shows, the overall trend in credit hours was similar to that of undergraduate enrollment at BU, with credit hours increases of 12,468 (25.3%) between 1998/99 and 2002/03.

Credit hours by faculty at BU show an increase in Education (70.1%), Arts (15.5%), and Science (9.8%) over the five years. The credit hours in Health Studies more than doubled over this same time period. Also, credit hours in the First Nations Aboriginal Counseling Program almost doubled in three years. Credit hours in Music decreased by 8.1%.

- **Collège de Saint-Boniface**

Consistent with the general pattern enrollment, total credit hours at CSB increased every year over the five-year period, by 4,905 or 52.2%. Credit hours increased in each year between 1998/99 and 2002/03 in the faculties of Arts (53.4%), and University 1 (89.9%). Credit hours in the faculties of Adminstration des Affaires (Business Administration), Science, Éducation and Éducation permanente (Continuing Education) fluctuated over time, but overall these faculties showed increases in credit hours over the five years.

Table 1.7.1 - Undergraduate Credit Hours by University and Faculty/School – Regular Session

University by Faculty/School [1,2]		Academic Year 1998/99 – 2002/03				
		1998/99[3]	1999/00	2000/01	2001/02	2002/03
University of Manitoba						
Agricultural & Food Sciences	Agriculture Diploma [4]	7,896	7,080	5,466	4,584	3,424
	Agribusiness & Agri. Economics	1,551	1,485	1,191	1,329	1,227
	Animal Science	1,149	945	933	639	717
	Bio-systems Engineering	1,049	1,118	1,000	960	785
	Entomology	219	279	315	315	105
	Food Science	714	522	606	426	456
	General Agriculture	1,893	1,819	1,501	1,331	1,182
	Plant Science	1,629	1,704	1,605	1,413	894
	Soil Science	1,146	960	861	747	534
	Subtotal	**17,246**	**15,912**	**13,478**	**11,744**	**9,324**
Architecture	Architecture	243	426	372	459	477
	City Planning	30	51	24	21	72
	Environmental Design[5]	5,331	5,549	8,145	8,456	8,837
	Interior Design[5]	3,721	3,684	1,504	729	459
	Landscape Architecture	108	120	69	144	81
	Subtotal	**9,433**	**9,830**	**10,114**	**9,809**	**9,926**
School of Art		**8,151**	**8,214**	**8,279**	**8,845**	**9,200**
Arts	Anthropology	5,769	5,556	5,769	6,228	6,300
	Asian Studies	1,200	1,395	1,506	1,689	2,037
	Canadian Studies	0	78	195	192	198
	Catholic Studies[6]	0	0	0	63	159
	Classics	2,442	2,004	2,382	2,616	2,508
	Economics	10,935	11,280	11,613	11,436	13,011
	English	13,884	13,107	14,019	15,057	15,318
	Film Studies	2,067	1,764	1,974	1,791	1,929
	French, Spanish & Italian	4,740	5,238	5,184	5,784	6,153
	Geography	7,530	8,067	8,418	10,464	11,220
	German	594	636	456	672	720
	Global Political Economy [6]	0	0	0	39	39
	History	7,926	9,234	9,249	11,346	12,621
	Icelandic Studies	135	117	156	201	171
	Interdisciplinary[7]	1,377	2,775	3,885	4,311	4,527
	Labour and Workplace Studies	303	384	378	306	438
	Linguistics	1,221	1,632	1,665	1,698	1,764
	Native Studies	3,933	3,381	3,690	4,218	3,960
	Near Eastern & Judaic Studies	66	78	48	0	102
	Philosophy	10,722	11,133	11,133	11,658	11,442
	Political Studies	4,911	4,227	4,533	4,557	5,328
	Psychology	28,326	27,846	28,530	30,543	32,757

Table 1.7.1 con't...		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba						
Arts con't...	Religion	4,065	4,335	4,668	5,211	4,755
	Slavic Studies	504	501	459	573	525
	Sociology	14,877	14,712	15,234	16,983	18,456
	Theatre Studies	993	960	912	936	936
	Women's Studies	1,326	1,404	1,089	1,299	1,281
	Subtotal	**129,906**	**131,844**	**137,145**	**149,871**	**158,655**
Dentistry	Dental Hygiene	1,762	1,796	1,824	1,794	1,796
	Dental Diagnostic & Surgical Sciences	3,978	4,068	3,474	2,196	2,352
	Dentistry	432	606	534	636	612
	Oral Biology	1,596	1,596	1,632	1,740	1,866
	Preventative Dental Science[8]	0	0	0	1,494	1,566
	Restorative Dentistry	1,998	1,998	2,412	2,580	2,766
	Subtotal	**9,766**	**10,064**	**9,876**	**10,440**	**10,958**
Education[9]	Curriculum, Teaching & Learning[10]	16,686	14,092	14,871	13,349	12,632
	Educational Admin, Foundations & Psychology	6,327	5,331	4,947	5,343	6,156
	Subtotal	**23,013**	**19,423**	**19,818**	**18,692**	**18,788**
Engineering	Civil Engineering[11]	5,224	4,300	3,722	3,355	3,559
	Electrical & Computer Engineering	9,786	8,677	8,172	8,335	8,106
	Engineering[12]	3,203	4,378	4,719	5,210	4,954
	Mechanical & Industrial Engineering	7,328	7,314	7,069	6,456	6,147
	Subtotal	**25,541**	**24,669**	**23,682**	**23,356**	**22,766**
Human Ecology	Core Human Ecology	690	558	771	849	930
	Clothing & Textiles	822	708	852	981	1,158
	Family Studies	2,556	2,595	2,469	3,300	3,795
	Human Nutritional Sciences[13]	3,096	2,961	3,192	3,771	4,260
	Subtotal	**7,164**	**6,822**	**7,284**	**8,901**	**10,143**
Law		**9,309**	**9,274**	**9,048**	**7,978**	**9,134**
Management	Accounting & Finance	11,535	12,603	12,516	13,386	14,430
	Actuarial Science	564	807	771	807	948
	Business Administration	13,686	13,716	15,033	15,705	16,032
	Interdisciplinary	6	12	15	24	12
	Marketing	4,902	5,079	5,733	5,973	6,276
	Subtotal	**30,693**	**32,217**	**34,068**	**35,895**	**37,698**
Medicine	Human Anatomy & Cell Science	150	144	147	153	165
	Biochemistry and Medical Genetics[14]	126	126	198	150	84
	Medical Rehabilitation[15]	7,430	7,369	7,280	8,197	7,662
	Pharmacology & Therapeutics	318	354	372	312	348
	Physiology	426	291	384	348	351
	Subtotal	**8,450**	**8,284**	**8,381**	**9,160**	**8,610**

Table 1.7.1 con't...		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba						
Music		**4,474**	**4,821**	**4,071**	**4,004**	**4,425**
Nursing		**12,218**	**13,111**	**20,581**	**25,799**	**26,882**
Pharmacy		**4,333**	**4,808**	**4,412**	**5,319**	**5,118**
Physical Ed. & Recreation Studies	Physical Education	4,874	4,968	5,370	6,478	6,252
	Recreation Studies	2,466	2,538	2,484	2,539	2,662
	Subtotal	**7,340**	**7,506**	**7,854**	**9,017**	**8,914**
Science	Biological Sciences	9,141	9,303	10,458	11,853	13,248
	Botany	3,222	2,349	2,409	2,241	2,499
	Chemistry	13,131	12,402	11,142	11,520	12,201
	Computer Science	18,534	16,155	16,476	17,520	17,982
	Environmental Science[16]	726	1,281	2,013	2,739	3,239
	Geological Sciences	5,331	5,551	5,280	5,713	5,746
	Mathematics[17]	22,562	22,141	21,946	23,631	24,162
	Microbiology	6,054	6,399	6,732	6,306	6,738
	Physics & Astronomy	7,179	6,414	6,345	6,288	6,672
	Statistics	10,920	12,384	12,900	12,948	12,825
	Zoology	6,354	6,372	7,458	7,893	9,629
	Subtotal	**103,154**	**100,751**	**103,159**	**108,652**	**114,940**
Social Work		**9,639**	**8,688**	**9,552**	**10,968**	**10,467**
Total University of Manitoba		**419,830**	**416,238**	**430,802**	**458,450**	**475,948**

Notes:

1. Undergraduate Student Credit Hours are the hours of weight associated with a course indicating the relative weight of the course in the program of studies. There is often a correlation between lecture class hours and hours of credit; for example, a full course of 6 credit hours may entail 3 hours of lectures per week, both terms.
2. This report includes (a) distance education credit hours; (b) all courses taught off-campus with stipend from other than faculty or school resources; (c) courses taught "on-load" – taught during the summer session but considered part of the regular session for load unit purposes.
3. University 1 was introduced in 1998/99.
4. Department of Agricultural Economics & Farm Management changed its name to the Department of Agribusiness & Agricultural Economics in 2001/02.
5. Program revised in 2000/01. Admission to Interior Design ended, students enter Environmental Design to do a foundation program. Therefore, 2000/01 is not comparable to previous years.
6. Catholic Studies and Global Political Economy were new in 2001/02.
7. Increase due largely to the course Introduction to University.
8. The drop in credit hours in the Department of Dental Diagnostic & Surgical Sciences is due to the reinstatement of the Department of Preventive Dental Science in 2001/02.
9. Credit hours in 1999/00 reflect Education's transition to a 2-year after-degree program from a 4-year direct entry program.
10. The Departments of Curriculum: Humanities & Social Sciences and Mathematics & Natural Sciences merged into the Department of Curriculum, Teaching & Learning in July 1999.
11. The Department of Civil & Geological Engineering changed its name to the Department of Civil Engineering in 2001/02.
12. Department of Engineering new in 1998/99.
13. The Department of Foods & Nutrition changed its name to the Department of Human Nutritional Sciences in 2001/02.
14. Drop in credit hours for 2002/03 is due to the suspension of intake into the Occupational Therapy baccalaureate program.
15. The Departments of Biochemistry, Molecular Biology and Human Genetics merged into the Department of Biochemistry & Medical Genetics in 2000/01.
16. In the Faculty of Science, the interdepartmental program Environmental Science was identified separately beginning in 1997/98. As a result, departments that formerly listed courses under their department may show a drop in credit hours.
17. Departments of Applied Mathematics, Mathematics and Intro to Mathematical Sciences merged into the Department of Mathematics in 2000/01.

Table 1.7.1 con't...		1998/99	1999/00	2000/01	2001/02	2002/03
University of Winnipeg – Revised [1]						
Arts	Aboriginal Language Courses	0	192	108	114	120
	Administrative Studies	2,453	2,513	2,597	2,493	2,907
	Anthropology	2,259	1,989	2,238	2,712	3,519
	Centre for Academic Writing	4,022	3,955	4,395	4,621	5,638
	Classics	1,677	2,097	1,920	1,917	2,736
	Developmental Studies	99	108	129	105	183
	Economics	3,078	2,556	2,883	2,790	3,651
	English	6,702	7,170	8,133	8,961	9,960
	French Studies	1,602	1,611	1,758	1,869	1,989
	German Studies	300	291	276	342	498
	History	7,938	7,896	8,256	9,177	10,380
	Justice & Law Enforcement	1,650	1,603	1,527	1,998	2,553
	Mennonite Studies	0	18	3	99	0
	Music	1,308	1,021	537	526	283
	Philosophy	3,432	3,273	3,942	3,957	4,764
	Physical Activity and Sports Studies	3,330	3,683	4,015	4,511	5,676
	Politics	3,783	4,257	4,059	4,836	5,862
	Psychology	11,412	10,617	10,527	10,926	12,006
	Religious Studies	2,967	2,850	2,676	2,655	2,637
	Sociology	9,417	8,658	8,259	8,916	10,536
	Theatre and Drama	3,459	3,714	4,034	4,317	4,980
	Women's Studies	900	753	747	741	882
	Subtotal	**71,788**	**71,025**	**73,019**	**78,583**	**91,760**
Science	Biology	7,941	7,905	8,541	8,934	9,417
	Business Computing	2,829	2,655	2,454	2,853	3,087
	Chemistry	4,536	4,452	3,900	4,242	5,217
	Environmental/Urban Studies	546	588	807	864	729
	Geography	5,070	5,721	6,201	6,402	7,125
	Mathematics	4,041	3,837	4,329	4,433	4,578
	Physics	3,432	3,588	3,303	3,219	4,029
	Statistics	1,506	1,326	1,236	1,335	1,875
	Subtotal	**29,901**	**30,072**	**30,771**	**32,282**	**36,057**
Education		**2,977**	**7,224**	**9,206**	**9,800**	**13,199**
Menno Simons College [2]	Conflict Resolution Studies	882	1,035	1,218	1,329	1,896
	International Development Studies	2,940	3,336	4,061	3,924	4,424
	Subtotal	**3,822**	**4,371**	**5,279**	**5,253**	**6,320**

Table 1.7.1 cont...		1998/99	1999/00	2000/01	2001/02	2002/03
University of Winnipeg – Revised [1]						
Other Programs	International Exchange	0	0	0	48	84
	Italian Language	0	0	0	0	186
	Disability Studies	0	0	0	0	12
	Subtotal	**0**	**0**	**0**	**48**	**282**
Total University of Winnipeg		**108,488**	**112,692**	**118,275**	**125,966**	**147,618**

Notes:
1. UW revised all credit hour figures in November 2003.
2. Menno Simons College (MSC) coordinates these programs which are fully integrated into the UW curriculum. Degrees granted in these programs are UW degrees, and students register for MSC courses/majors through the University.

Table 1.7.1 con't...		1998/99	1999/00	2000/01	2001/02	2002/03
Brandon University [1,2]						
Arts	Anthropology	399	255	486	288	501
	Business Administration	2,805	2,990	3,057	2,958	3,198
	Economics	804	945	825	645	744
	English	2,652	2,808	3,264	3,396	3,627
	Fine Arts	573	543	567	681	810
	History	1,734	1,794	2,163	2,394	2,640
	Classical & Modern Languages	1,035	1,113	1,056	1,044	969
	Music (Arts)	230	135	237	147	213
	Native Studies	2,274	1,968	2,181	2,256	1,731
	Philosophy	1,251	1,179	1,122	1,179	1,212
	Political Science	744	738	879	885	1,065
	Religion	1,506	1,191	1,314	1,170	1,230
	Rural Development	0	0	0	0	108
	Sociology	3,258	3,207	3,315	3,843	4,272
	Non-departmental	141	51	69	105	93
	Subtotal	**19,406**	**18,917**	**20,535**	**20,991**	**22,413**
Science	Botany	1,185	1,110	1,632	1,152	1,449
	Chemistry	1,470	1,203	1,065	1,170	1,197
	Geography	1,662	1,815	1,905	2,358	2,442
	Geology	1,113	906	1,122	1,020	1,230
	Math & Computer Science	4,221	4,230	4,008	4,290	4,161
	Physics	1,086	1,269	1,134	1,203	1,332
	Psychology	4,461	4,839	4,947	4,939	4,845
	Zoology	1,842	1,989	1,965	2,334	2,049
	Subtotal	**17,040**	**17,361**	**17,778**	**18,516**	**18,705**
Education	Administration/Educational Services	2,328	2,184	2,781	2,826	3,810
	Humanities	1,956	2,007	2,106	2,628	3,481
	Math/Science	1,734	2,016	2,292	2,703	3,015
	Foundations	1,056	918	1,611	1,547	1,683
	Phys. Ed. / Recreation	1,205	1,179	1,381	1,932	2,080
	Music	0	0	0	9	15
	Subtotal	**8,279**	**8,304**	**10,171**	**11,645**	**14,084**
Music		**2,683**	**2,312**	**2,397**	**2,309**	**2,464**
Health Studies		**1,407**	**1,975**	**2,377**	**2,470**	**3,254**
First Nations Aboriginal Counseling (FNAC)		**285**	**258**	**561**	**600**	**516**
Non-Faculty (Applied Disaster and Emergency Studies)		**0**	**0**	**0**	**0**	**132**
Total Brandon University		**49,100**	**49,127**	**53,819**	**56,531**	**61,568**

Notes:
1. Credit hours for the General Studies Program are included with Arts and Science.
2. Spring/Summer Session courses are not offered on a full-time basis.

Table 1.7.1 con't...	1998/99	1999/00	2000/01	2001/02	2002/03
Collège de Saint-Boniface [1]					
Arts	2,754	3,132	3,621	4,218	4,224
Adminstration des Affaires (Business Administration)	0	354	333	462	621
Sciences	1,155	1,029	1,059	1,302	1,170
Éducation	2,676	2,550	1,959	2,301	2,802
Université 1[2]	2,553	3,510	4,485	4,629	4,848
Éducation permanente (Continuing Education) [3]	156	135	78	108	273
Étudiants de UofM (U of M Students)[4]	99	174	183	291	360
Total Collège de Saint-Boniface	**9,393**	**10,884**	**11,718**	**13,311**	**14,298**

Notes:
1. Spring and summer session courses are not offered on a full-time basis.
2. Unlike the UM, student management system at CSB counts all first year arts and science courses as Université 1.
3. These students are taking courses at the university level but are not seeking a credential.
4. These are UM students taking courses at CSB.

1.7.2 Undergraduate Credit Hours by University and Faculty/School – Spring/ Summer Session

- **University of Manitoba**

As data in Table 1.7.2 show, undergraduate credit hours for spring and summer session at UM increased every year between 1998 and 2002. Overall, there was an increase of 14,620 (36.2%) in credit hours over the five-year period. This trend is consistent with the increase in undergraduate enrollment for spring and summer session at UM over the same time period.

On a faculty-by-faculty basis, the data shows that while spring and summer session credit hours dropped in Education (53.6%), and Music (11.2%), there were increases in most faculties including Science (24.5%), Arts (31.3%), Management (75.8%), and Social Work (99.3%). Nursing again showed a significant change in credit hours with more than a three-fold increase (from 1,914 to 6,531) between 1998 and 2002. Additionally, Engineering credit hours increased from 695 in 1998 to 951 in 2002, a 36.8% increase, due to the introduction of a new program in 1999.

- **University of Winnipeg**

Similar to undergraduate regular session credit hours, spring and summer session credit hours were revised in November 2003 and cannot be compared to figures published in the 2003 Statistical Compendium.

Undergraduate spring and summer session credit hours increased in each year at UW over the five-year period, except in 2000 where there was a decrease of 310 (2.8%) over the previous year. As Table 1.7.2 shows, UW spring and summer session credit hours rose by 1,950 (19.0%) - a trend consistent with its undergraduate enrollment for spring and summer session.

The data shows fluctuations in credit hours in Arts and Science, yet between 1998 and 2002 undergraduate spring and summer session credit hours increased by 12.5% and 44.2% respectively. Conversely, the data shows a decrease of 21.4% in Education credit hours. Credit hours also increased at Menno Simons College over the five-years.

- **Brandon University**

Table 1.7.2 shows that between 1998 and 2002, spring and summer session credit hours at BU increased by 1,712 (28.6%) due to more spring and summer session courses being offered annually. This trend is consistent with rising spring and summer session enrollment over the same time period.

There were credit hour increases in Arts (38.7%) and Education (23.8%), and a decrease in Science (5.5%). Consistent with spring and summer session enrollment at BU, there were large credit hour increases in Health Studies and in the First Nations Aboriginal Counseling Program. The Rural Development program began offering courses in 2001.

- **Collège de Saint-Boniface**

Table 1.7.2 shows that over the five-year period, spring and summer session credit hours fluctuated at CSB – resulting in an overall increase of 285 credit hours (87.2%). There was a decrease in the first year, followed by consecutive increases from 2000 to 2002. Credit hours more than tripled in Arts between 1998 and 2002 while, summer session credit hours in Education declined by 42 credit hours (28.0%) over the five-year period.

Table 1.7.2 - Undergraduate Credit Hours by University and Faculty/School – Spring/Summer Session

University by Faculty/School[1]		Academic Year 1998 – 2002				
		1998[2]	1999	2000	2001	2002
University of Manitoba[3]						
Agricultural & Food Sciences	Bio-systems Engineering	0	2	6	4	4
	General Agriculture	0	0	0	0	4
	Subtotal	**0**	**2**	**6**	**4**	**8**
Architecture	Environmental Design[4]	129	165	0	108	144
	Interior Design[4]	0	0	6	3	
	Landscape Architecture	30	30	18	18	12
	Subtotal	**159**	**195**	**24**	**129**	**156**
School of Art		**609**	**378**	**432**	**513**	**705**
Arts	Anthropology	621	648	645	807	987
	Asian Studies	798	711	1,032	1,209	945
	Canadian Studies	0	0	0	60	66
	Classics	90	309	189	216	72
	Economics	1,659	1,470	1,329	1,437	1,707
	English	1,398	1,398	1,635	1,647	1,632
	Film Studies	318	279	306	237	300
	French, Spanish & Italian	450	732	591	723	774
	Geography	1,509	1,521	1,851	1,848	1,968
	History	969	1,002	1,308	1,566	1,452
	Interdisciplinary	0	63	105	147	156
	Labour & Workplace Studies	21	0	0	0	66
	Linguistics	0	0	0	102	0
	Native Studies	804	1,206	822	1,263	1,872
	Philosophy	567	819	750	1,044	1,104
	Political Studies	465	555	369	315	498
	Psychology	4,407	4,071	4,119	4,341	4,848
	Religion	606	417	576	507	705

Table 1.7.2 con't		1998[2]	1999	2000	2001	2002
University of Manitoba[3]						
Arts con't...	Slavic Studies	30	54	0	24	24
	Sociology	1,212	1,632	1,656	1,557	1,779
	Theatre Studies	0	0	3	0	3
	Women's Studies	177	147	84	168	189
	Subtotal	**16,101**	**17,034**	**17,370**	**19,218**	**21,147**
Education[5]	Curriculum, Teaching & Learning[6]	2,436	1,938	1,650	1,308	957
	Edu. Admin., Foundations & Psyc.	1,890	2,088	1,434	1,152	1,050
	Subtotal	**4,326**	**4,026**	**3,084**	**2,460**	**2,007**
Engineering	Civil Engineering	252	25	440	265	307
	Electrical & Computer Engineering	207	33	57	94	196
	Engineering[7]	0	369	376	412	424
	Mechanical & Industrial Engineering	236	41	44	46	24
	Subtotal	**695**	**468**	**917**	**817**	**951**
Human Ecology	Core Human Ecology	222	159	120	147	234
	Clothing & Textiles	66	27	6	39	
	Family Studies	285	330	309	585	570
	Human Nutritional Sciences[8]	270	303	372	366	423
	Subtotal	**843**	**819**	**807**	**1,137**	**1,227**
Law		**0**	**0**	**0**	**0**	**2**
Management	Acccounting & Finance	783	699	798	1,473	2,127
	Business Administration[9]	1,113	1,293	1,491	1,854	1,647
	Interdisciplinary	0	0	3	0	0
	Marketing	672	549	588	522	741
	Subtotal	**2,568**	**2,541**	**2,880**	**3,849**	**4,515**
Medicine	Medical Rehabilitation	905	918	849	1,066	1,216
	Physiology	0	0	45	0	15
	Subtotal	**905**	**918**	**894**	**1,066**	**1,231**
Music		**348**	**183**	**486**	**453**	**309**
Nursing		**1,914**	**2,783**	**4,229**	**6,101**	**6,531**
Physical Education & Recreation Studies	Physical Education	266	173	363	603	681
	Recreation Studies	294	270	276	255	153
	Subtotal	**560**	**443**	**639**	**858**	**834**

Table 1.7.2 con't		1998[2]	1999	2000	2001	2002
University of Manitoba[3]						
Science	Biological Sciences	888	1,038	1,122	1,236	1,299
	Botany	441	297	366	339	300
	Chemistry	1,128	1,233	1,113	957	1,026
	Computer Science	2,625	2,649	2,802	2,823	2,436
	Environmental Science[10]	153	165	156	246	422
	Geological Sciences	549	579	495	669	705
	Mathematics[11]	1,764	1,857	1,791	1,955	2,199
	Microbiology	114	357	543	573	630
	Physics & Astronomy	291	285	258	282	306
	Statistics	828	894	1,164	1,242	1,311
	Zoology	963	954	1,317	1,431	1,497
	Subtotal	**9,744**	**10,308**	**11,127**	**11,753**	**12,131**
Social Work		**1,650**	**1,692**	**1,860**	**2,277**	**3,288**
Total University of Manitoba		**40,422**	**41,790**	**44,755**	**50,689**	**55,042**

Notes:

1. Undergraduate Student Credit Hours are the hours of weight associated with a course indicating the relative weight of the course in a program of study. There is often a correlation between lecture class hours of credit; for example, a full course carrying 6 hours of credit may entail 3 hours of lectures per week, both terms.
2. University 1 introduced in 1998/99.
3. Excludes Distance Education credit hours that have a distance location code.
4. The Faculty of Architecture revised its program in 2000/01. Admission to Interior Design ended and students enter Environmental Design to do a foundation program. Therefore, 2000/01 is not comparable to previous years.
5. In 1999/00 Education changed to a two-year after-degree program from a four-year direct entry program.
6. The departments of Curriculum: Humanities & Social Sciences and Curriculum: Mathematics & Natural Sciences merged on July 1999 to become the Department of Curriculum, Teaching & Learning.
7. Department of Engineering new in 1998/99.
8. The departments of Biochemistry, Molecular Biology and Human Genetics merged into the Department of Biochemistry and Medical Genetics in 2000/01.
9. The Department of Foods and Nutrition changed its name to Human Nutritional Sciences in 2001/02.
10. The departments of Applied Mathematics, Mathematics and Introduction to Mathematical Sciences were merged into the Department of Mathematics in 2000/01.

Table 1.7.2 con't		1998	1999	2000	2001	2002
University of Winnipeg – Revised [1]						
Arts	Administrative Studies	351	468	303	309	363
	Anthropology	60	183	21	108	0
	Classics	372	282	267	435	654
	Centre for Academic Writing	294	156	144	174	0
	Developmental Studies	21	0	6	0	63
	Economics	615	462	498	462	459
	English	753	717	873	888	1,032
	French Studies	24	120	108	27	90
	German Studies	0	6	0	0	6
	History	564	1,044	1,428	1,323	903
	Justice & Law Enforcement	219	0	132	339	309
	Music	30	0	0	0	0
	Philosophy	510	246	252	228	216
	Physical Activity and Sports Studies	237	231	342	318	576
	Politics	360	489	516	519	222
	Psychology	645	843	528	597	660
	Religious Studies	336	426	144	342	477
	Sociology	771	606	795	819	789
	Theatre and Drama	114	225	294	234	321
	Women's Studies	78	15	63	123	6
	Subtotal	**6,354**	**6,519**	**6,714**	**7,245**	**7,146**
Science	Biology	516	747	525	452	507
	Business Computing	768	582	414	465	465
	Chemistry	144	60	126	42	297
	Environmental/Urban Studies	0	75	30	81	84
	Geography	270	261	474	591	555
	Mathematics	360	477	663	663	735
	Physics	96	270	60	210	444
	Statistics	189	144	228	282	291
	Subtotal	**2,343**	**2,616**	**2,520**	**2,786**	**3,378**
Education		**865**	**952**	**604**	**594**	**680**
Menno Simons College[2]	Conflict Resolution Studies	198	159	252	219	336
	International Development Studies	525	657	503	668	695
	Subtotal	**723**	**816**	**755**	**887**	**1,031**
Total University of Winnipeg		**10,285**	**10,903**	**10,593**	**11,512**	**12,235**

Notes:
1. The UW revised all Credit Hour figures as of 2002/03.
2. Menno Simons College (MSC) coordinates two programs that are fully integrated into the UW curriculum: International Development Studies and Conflict Resolution Studies. Degrees granted in these programs are UW degrees, and students register for MSC courses/majors through the University.

Table 1.7.2 con't		1998	1999	2000	2001	2002
Brandon University [1]						
Arts	Anthropology	84	42	150	0	114
	Business Administration	108	3	0	0	57
	English	225	243	276	327	621
	Fine Arts	42	66	27	96	177
	History	192	192	207	345	228
	Classical & Modern Languages	24	33	0	0	87
	Music (Art)	114	84	0	0	0
	Native Studies	687	393	396	780	969
	Philosophy	0	0	0	0	60
	Political Science	36	51	147	180	0
	Religion	405	414	168	69	126
	Sociology	321	525	381	465	741
	Non-departmental	93	222	135	102	54
	Subtotal	**2,331**	**2,268**	**1,887**	**2,364**	**3,234**
Science	Botany	162	87	90	126	81
	Chemistry	3	0	96	75	81
	Geography	351	369	612	474	435
	Geology	180	246	84	162	129
	Math & Computer Science	390	570	615	462	363
	Physics	111	132	0	0	72
	Psychology	114	0	117	105	66
	Zoology	3	3	0	0	96
	Subtotal	**1,314**	**1,407**	**1,614**	**1,404**	**1,242**
Education	Administration /Education Studies	378	240	210	465	522
	Humanities	561	423	633	582	891
	Math/Science	474	429	672	540	627
	Foundations	441	342	346	516	399
	Phys Ed /Rec. Studies	450	339	388	336	414
	Subtotal	**2,304**	**1,773**	**2,249**	**2,439**	**2,853**
Music		**0**	**2**	**0**	**2**	**19**
Health Studies		**42**	**177**	**198**	**184**	**223**
Rural Development		-	-	-	**18**	**0**
First Nations Aboriginal Counseling (FNAC)		-	**30**	**135**	**48**	**132**
Total Brandon University		**5,991**	**5,657**	**6,083**	**6,459**	**7,703**

Note:
1. Spring and Summer session courses are not offered on a full-time basis.

Table 1.7.2 con't	1998	1999	2000	2001	2002
Collège de Saint-Boniface [1]					
Arts	75	144	210	282	339
Adminstration des affaires (Business Administration)	0	0	0	0	0
Sciences	3	0	0	0	6
Éducation	150	123	99	132	108
Université 1 [2]	0	24	3	60	75
Éducation permanente (Continuing Education) [3]	90	6	3	15	45
Étudiants de U of M (U of M Students) [4]	9	12	6	24	39
Total Collège de Saint-Boniface	**327**	**309**	**321**	**513**	**612**

Notes:
1. Spring and Summer session courses are not offered on a full-time basis.
2. All first year arts and science courses are included as Université 1.
3. These students are taking courses at the university level but are not seeking a credential.
4. These are UM students taking courses at CSB.

1.8 Undergraduate Course Sections

Course section size is defined as the number of three credit hour equivalent sections taught. Table 1.8.1 also shows course sections by class size which is equal to the enrollment in each course section. Total course sections are the sum of all courses taught. As the data indicate, course sections at each institution generally follow the same trend as enrollment.

1.8.1 Undergraduate Course Section Size by University and Faculty/School – Regular Session

As shown in Table 1.8.1, total undergraduate course sections for regular session increased by 2.2% (63 course sections) at the UW, BU and CSB between 1998/99 and 2002/03. (Due to system constraints, the UM did not provide course section data for 1998/99 and 1999/00.) Although there were some variations at the three universities, the pattern of total course sections by year followed the same general trend as total undergraduate regular session enrollment -- an overall increase over the five-years. When the UM is included for the 2000/01 to 2002/03 period, total course sections for regular sessions show an increase of 5.8% (381 course sections).

As expected, in 2002/03 the UM offered the lowest percentage (36.3%) of small classes, between 1 – 19 students, while the smaller institutions offered more small classes – UW at 45.3%, BU at 63.4%, and CSB at 72.9%. Between 1998/99 and 2002/03, the percentage of 1-19 student classes decreased at the three smaller universities.

- **University of Manitoba**

As Table 1.8.1 shows, the total number of undergraduate course sections for regular session at UM increased between 2000/01 and 2002/03. Overall, the number of course sections increased by 199 (5.6%) during the same period.

Consistent with UM data on undergraduate enrollment by faculty (Table 1.8.1), the faculties of Education and Engineering had large decreases in course sections of 18.9% and 6.0% respectively. These decreases in course sections corresponded with decreases in enrollment over the three-year period. The faculty of Agriculture showed a 3.5% increase in course sections during the three year period that saw enrollment in Agriculture decrease. This increase in course sections was due to the change from offering large classes to offering of smaller classes.

Similarly, those faculties/schools with higher enrollment increases between 2000/01 and 2002/03 also had the highest increases in course sections over the same time period, these include the faculties of Arts (10.8%), Science (9.4%), Management (7.2%) and Art (5.9%).

Between 2000/01 and 2002/03, the number of classes taught at the UM increased. By 2002/03 the UM had 2.2% more classes with less than 10 students and 16.2% more classes with over 100 students than in 2000/01. Conversely, the number of classes with 10-19 students decreased (7.2%) over the same time period. The number of classes with 20-49 students and 50-99 students increased by 2.2% and 7.7% respectively.

As noted above, the UM offered the fewest number of small classes 1-19 students at all universities, averaging 36.5% between 2000/02 and 2002/03. The majority of the classes at the UM were between 20-49 students (38%), while classes with 50 or more students comprised 25.8% of the total undergraduate course sections for regular session.

As expected, the faculties of Management, Science and Nursing, which have some of the largest enrollments, also have the largest percentages of classes with 50 plus students at 53.1%, 48.4% and 45.40% respectively. However the faculty of Arts, which also has a large enrollment, offers the majority of classes in the 20-40 student range. This is due to the large number of departments operating in the faculty of Arts.

In general, the professional faculties/schools offer most or all classes at the 20-49 student range – Dentistry and Dental Hygiene at 100% of classes, Medical Rehabilitation at 55.6%, Law at 59.4%, and Engineering at 38.5%.

The remaining faculties offer a majority of small classes. These faculties tend to be technical fields requiring significant amounts of student professor contact, such as Architecture, Art or Music.

- **University of Winnipeg**

Between 1998/99 and 2002/03, the total undergraduate course sections for regular session, as shown in Table 1.8.1 increased overall at UW by 213 (12.9%). On a year-over-year basis, there was an increase in total course sections of 348 (21.1%) between 1998/99 and 1999/00. This was due to the changes in Education programs during that time. This was followed by a decrease in total course sections of 192 (9.6%) between 1999/00 and 2000/01. Between 2000/01 and 2002/03, the total course sections rebounded with an increase of 14 (0.8%).

UW offers course sections in four major areas Education, Science, Humanities and Social Sciences. The last two areas, Humanities and Social Sciences are referred to as "Arts" for enrollment and graduation purposes. Course sections do not follow the pattern of enrollment by faculty at the UW. Although students do not need to declare a major in first year, courses are still counted by faculty.

On a department-by-department basis, the data shows that while total undergraduate course sections increased over the five-year period in Science (16.9%) and the Social Sciences (7.7%), the number of course sections in Humanities remained almost

unchanged. Of considerable note is the increase in the number of course sections in Education, 139.1% over the five years.

Between 1998/99 and 2002/03, the majority of the classes at UW ranged between 1-19 students. However, they have declined over the five years. In 1998/99, 53.1% of the classes at UW ranged between 1-19 students. By 2002/03, this had declined to 45.2%. On average, the percentage of classes with 50 or more students were rare. In fact, at almost 19% of all classes, the Sciences and Social Sciences departments offered the largest classes of all departments at the UW.

- **Brandon University**

As Table 1.8.1 shows, between 1998/99 and 2002/03 undergraduate regular session course sections at BU increased by 71 course sections (7.5%). The overall trend in course sections was one of fluctuation, beginning with an increase between 1998/99 and 1999/00 of 140 course sections (14.8%), followed by a decrease of 174 course sections (16.0%) in the next year. Course sections then increased annually to surpass 1998/99 levels by 2002/03.

Between 1998/99 and 2002/03, the number of undergraduate regular session course sections by faculty, showed that both of the faculties of Music and Education increased by 14.9%. The course sections in Health Studies more than doubled during the same five-year period. Conversely, Arts and Science showed decreases of 3.4% and 13.5% respectively. Rural Development was a new faculty in 1999/00, and between 1999/00 and 2002/03, course sections decreased by 50%. Course sections in First Nations Aboriginal Counseling remained stable between 2000/01 and 2002/03.

Similar to the UW, between 1998/99 and 2002/03 the majority of classes at BU ranged from 1-19 students. The data show that BU moved towards larger classes in the faculties of Arts, Science and Education. However, class sizes in the faculties of Music, Health Studies and First Nations Aboriginal Counseling remained between 1-19 students over the five years.

- **Collège de Saint-Boniface**

Between 1998/99 and 2002/03, course sections increased at CSB by 45 or 20.4%, consistent with increasing undergraduate regular session enrollment trends. Changes in course sections at CSB followed the same general pattern as enrollment, with an increase every year over the five-year period. Course sections increased in 1999/00 by 11.3% (25 course sections), due to the introduction of the Administration des affaires program and general increases in the faculty of Arts. Similar to UW and BU the majority of courses at CSB contain between 1-19 students.

Table 1.8.1 - Undergraduate Course Section Size by University – Regular Session

University by Faculty/School and Class Size		Course Sections by Academic Year 1998/99 – 2002/03				
		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba[1]						
Agricultural & Food Sciences	< 10	-	-	33	51	65
	10 - 19	-	-	66	60	61
	20 - 49	-	-	44	50	45
	50 - 99	-	-	28	19	8
	> 100	-	-	2	1	0
	Subtotal	**N/a**	**N/a**	**173**	**181**	**179**
Architecture	< 10	-	-	39	28	22
	10 - 19	-	-	31	44	36
	20 - 49	-	-	16	10	8
	50 - 99	-	-	25	25	29
	> 100	-	-	2	1	2
	Subtotal	**N/a**	**N/a**	**113**	**108**	**97**
School of Art	< 10	-	-	109	93	104
	10 - 19	-	-	66	62	50
	20 - 49	-	-	43	47	46
	50 - 99	-	-	3	2	6
	> 100	-	-	0	2	2
	Subtotal	**N/a**	**N/a**	**221**	**206**	**208**
Arts	< 10	-	-	208	227	208
	10 - 19	-	-	187	164	202
	20 - 49	-	-	422	449	487
	50 - 99	-	-	183	198	200
	> 100	-	-	70	90	89
	Subtotal	**N/a**	**N/a**	**1,070**	**1,128**	**1,186**
Dental Hygiene	< 10	-	-	0	0	0
	10 - 19	-	-	0	0	0
	20 - 49	-	-	23	23	23
	50 - 99	-	-	0	0	0
	> 100	-	-	0	0	0
	Subtotal	**N/a**	**N/a**	**23**	**23**	**23**
Dentistry	< 10	-	-	0	0	0
	10 - 19	-	-	0	0	0
	20 - 49	-	-	114	114	114
	50 - 99	-	-	0	0	0
	> 100	-	-	0	0	0
	Subtotal	**N/a**	**N/a**	**114**	**114**	**114**

Table 1.8.1 con't...		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba[1]						
Education	< 10	-	-	48	45	38
	10 - 19	-	-	47	36	22
	20 - 49	-	-	143	138	128
	50 - 99	-	-	8	11	8
	> 100	-	-	3	3	6
	Subtotal	**N/a**	**N/a**	**249**	**233**	**202**
Engineering	< 10	-	-	21	34	32
	10 - 19	-	-	33	31	24
	20 - 49	-	-	81	77	72
	50 - 99	-	-	64	59	53
	> 100	-	-	0	2	6
	Subtotal	**N/a**	**N/a**	**199**	**203**	**187**
Human Ecology	< 10	-	-	27	21	31
	10 - 19	-	-	26	22	19
	20 - 49	-	-	15	22	25
	50 - 99	-	-	7	4	5
	> 100	-	-	5	9	10
	Subtotal	**N/a**	**N/a**	**80**	**78**	**90**
Law	< 10	-	-	9	13	9
	10 - 19	-	-	25	26	21
	20 - 49	-	-	72	64	60
	50 - 99	-	-	5	2	11
	> 100	-	-	0	0	0
	Subtotal	**N/a**	**N/a**	**111**	**105**	**101**
Management	< 10	-	-	3	3	4
	10 - 19	-	-	13	12	15
	20 - 49	-	-	109	97	100
	50 - 99	-	-	112	129	135
	> 100	-	-	0	0	0
	Subtotal	**N/a**	**N/a**	**237**	**241**	**254**
Medical Rehabilitation	< 10	-	-	0	2	30
	10 - 19	-	-	0	4	0
	20 - 49	-	-	60	60	50
	50 - 99	-	-	8	7	10
	> 100	-	-	0	1	0
	Subtotal	**N/a**	**N/a**	**68**	**74**	**90**
Medicine	< 10	-	-	2	0	4
	10 - 19	-	-	0	0	0
	20 - 49	-	-	6	3	3
	50 - 99	-	-	2	3	3
	> 100	-	-	0	0	0
	Subtotal	**N/a**	**N/a**	**10**	**6**	**10**

Table 1.8.1 con't...		1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba[1]						
Music	< 10	-	-	31	31	39
	10 - 19	-	-	16	18	12
	20 - 49	-	-	27	25	18
	50 - 99	-	-	2	3	9
	> 100	-	-	0	0	0
	Subtotal	**N/a**	**N/a**	**76**	**77**	**78**
Nursing	< 10	-	-	21	27	14
	10 - 19	-	-	27	49	31
	20 - 49	-	-	25	35	55
	50 - 99	-	-	55	74	73
	> 100	-	-	12	9	11
	Subtotal	**N/a**	**N/a**	**140**	**194**	**184**
Pharmacy	< 10	-	-	1	3	1
	10 - 19	-	-	1	4	2
	20 - 49	-	-	32	34	33
	50 - 99	-	-	2	5	5
	> 100	-	-	0	0	0
	Subtotal	**N/a**	**N/a**	**36**	**46**	**41**
Physical Ed. & Recreation Studies	< 10	-	-	6	10	13
	10 - 19	-	-	13	15	18
	20 - 49	-	-	29	34	32
	50 - 99	-	-	15	16	18
	> 100	-	-	3	5	3
	Subtotal	**N/a**	**N/a**	**66**	**80**	**84**
Science	< 10	-	-	98	103	121
	10 - 19	-	-	72	62	74
	20 - 49	-	-	74	86	92
	50 - 99	-	-	114	104	111
	> 100	-	-	150	160	158
	Subtotal	**N/a**	**N/a**	**508**	**515**	**556**
Social Work	< 10	-	-	5	11	22
	10 - 19	-	-	33	26	21
	20 - 49	-	-	29	34	34
	50 - 99	-	-	4	4	2
	> 100	-	-	0	0	0
	Subtotal	**N/a**	**N/a**	**71**	**75**	**79**
Total University of Manitoba		**N/a**	**N/a**	**3,565**	**3,687**	**3,764**

Note:
1. Due to system constraints the UM could not provide data for 1998/99 and 1999/00. Normalized to 3 credit hour equivalents.

Table 1.8.1 cont.		1998/99	1999/00	2000/01	2001/02	2002/03
University of Winnipeg [1]						
Education	< 10	25	44	40	22	18
	10 - 19	14	139	29	32	36
	20 - 49	25	185	57	75	89
	50 - 99	0	64	7	10	7
	> 100	0	8	1	9	3
	Subtotal	**64**	**440**	**134**	**148**	**153**
Humanities	< 10	251	270	275	247	203
	10 - 19	169	172	156	164	146
	20 - 49	253	250	266	278	294
	50 - 99	15	15	19	30	50
	> 100	2	0	0	0	0
	Subtotal	**690**	**707**	**716**	**719**	**693**
Science	< 10	94	92	109	93	105
	10 - 19	83	87	90	98	77
	20 - 49	124	116	135	149	161
	50 - 99	53	52	41	65	64
	> 100	6	8	9	10	14
		360	**355**	**384**	**415**	**421**
Social Sciences	< 10	146	110	136	109	126
	10 - 19	94	99	121	133	112
	20 - 49	214	219	237	243	230
	50 - 99	80	67	77	82	106
	> 100	0	0	0	0	1
	Subtotal	**534**	**495**	**571**	**567**	**575**
Other	< 10	-	-	-	-	20
	10 - 19	-	-	-	-	0
	20 - 49	-	-	-	-	0
	50 - 99	-	-	-	-	0
	> 100	-	-	-	-	0
	Subtotal	**N/a**	**N/a**	**N/a**	**N/a**	**20**
Total University of Winnipeg		**1,649**	**1,997**	**1,805**	**1,848**	**1,862**

Note:
1. Normalized to 3 credit hour equivalents.

Table 1.8.1 con't...		1998/99	1999/00	2000/01	2001/02	2002/03
Brandon University [1]						
Arts	< 10	120	184	82	89	91
	10 - 19	80	84	75	66	86
	20 - 49	96	81	95	89	93
	50 - 99	20	27	28	34	34
	> 100	2	2	3	3	3
	Subtotal	**318**	**378**	**283**	**281**	**307**
Science	< 10	113	165	87	79	84
	10 - 19	49	45	48	44	52
	20 - 49	64	59	52	57	51
	50 - 99	31	32	26	31	31
	> 100	3	4	10	5	7
	Subtotal	**260**	**305**	**223**	**216**	**225**
Education	< 10	69	83	58	68	46
	10 - 19	67	59	48	51	59
	20 - 49	55	65	81	86	114
	50 - 99	4	2	4	5	1
	> 100	0	2	1	3	4
	Subtotal	**195**	**211**	**192**	**213**	**224**
Music	< 10	74	87	82	95	109
	10 - 19	34	17	28	24	22
	20 - 49	22	17	17	20	23
	50 - 99	3	4	2	0	0
	> 100	1	0	0	0	0
	Subtotal	**134**	**125**	**129**	**139**	**154**
Health Studies	< 10	22	24	25	32	32
	10 - 19	12	27	20	25	40
	20 - 49	4	3	11	10	11
	50 - 99	0	0	0	0	0
	> 100	0	0	0	0	0
	Subtotal	**38**	**54**	**56**	**67**	**83**
First Nations Aboriginal Counseling (FNAC)	< 10	-	-	9	9	7
	10 - 19	-	-	5	7	10
	20 - 49	-	-	3	3	0
	50 - 99	-	-	0	0	0
	> 100	-	-	0	0	0
	Subtotal	**N/a**	**N/a**	**17**	**19**	**17**

Table 1.8.1 con't...		1998/99	1999/00	2000/01	2001/02	2002/03
Brandon University						
Non Faculty (Rural Development)	< 10	-	8	11	10	4
	10 - 19	-	3	0	1	2
	20 - 49	-	1	0	0	0
	50 - 99	-	0	0	0	0
	> 100	-	0	0	0	0
	Subtotal	**N/a**	**12**	**11**	**11**	**6**
Total Brandon University		**945**	**1,085**	**911**	**946**	**1,016**

Note: 1. Normalized to 3 credit hour equivalents.

Table 1.8.1 con't...		1998/99	1999/00	2000/01	2001/02	2002/03
Collège de Saint-Boniface [1]						
Arts	< 10	46	47	48	51	46
	10 - 19	28	29	32	33	35
	20 - 49	27	33	33	37	33
	50 - 99	1	1	1	6	5
	> 100	1	1	1	2	2
	Subtotal	**103**	**111**	**115**	**129**	**121**
Science	< 10	18	19	19	18	18
	10 - 19	15	13	15	12	19
	20 - 49	12	14	13	7	8
	50 - 99	3	2	3	2	4
	> 100	0	0	0	0	0
	Subtotal	**48**	**48**	**50**	**39**	**49**
Education	< 10	34	32	30	34	35
	10 - 19	20	22	21	15	20
	20 - 49	15	13	9	13	12
	50 - 99	1	1	1	0	5
	> 100	0	0	0	0	0
	Subtotal	**70**	**68**	**61**	**62**	**72**
Administration des affaires	< 10	-	4	6	13	10
	10 - 19	-	11	11	12	11
	20 - 49	-	4	3	0	3
	50 - 99	-	0	0	0	0
	> 100	-	0	0	0	0
	Subtotal	**N/a**	**19**	**20**	**25**	**24**
Total Collège de Saint-Boniface		**221**	**246**	**246**	**255**	**266**

Note: 1. Normalized to 3 credit hour equivalents.

1.9 Undergraduate Degrees Granted by Faculty/School

Undergraduate degrees granted are reported on a calendar year, and include the February, May, and October convocations.

Legally, CSB is an affiliated college of the UM, in accordance with subsection 56(1) of the *University of Manitoba Act* and, as such, the UM Senate confers the degrees. Therefore, CSB students receive UM degrees and are counted in the graduate tables of UM. Accordingly, CSB graduates should **not** be added to the UM, UW, and BU data in the total graduate count for Manitoba's universities.

1.9.1 Undergraduate Degrees Granted by University and Faculty/School

- **University of Manitoba**

Table 1.9.1 shows that from 1998 to 2002, the number of undergraduate degrees granted by faculty at UM increased by 3.7% (129 graduates). Annually, the number of UM degrees granted decreased from 1998 to 2000 by 166 (4.7%). Between 2000 and 2002, the number of graduates increased by 295 or 8.8%, recovering to a level higher than in 1998.

On a faculty-by-faculty basis, between 1998 and 2002 there was a decrease in undergraduate degrees granted in several faculties including Human Ecology (53.6%), Architecture (18.1%), Music (12.1%), Engineering (10.4%), Law, (10.0%), Phys Ed (4.5%), Agriculture (4.2%), and Education (4.1%). On the other hand, there were increases in undergraduate degrees granted in Nursing (72.0%), Social Work (47.8%), Dentistry (36.0%), Art (31.9%), Dental Hygiene (16.7%), Medical Rehabilitation (12.3%), and Arts (10.9%). The faculties of Medicine, Management, and Science showed almost no change over time.

Analysis by gender shows that over the five-year period, the number of UM undergraduate degrees granted to women increased by 201 or 10.3%, while the number of degrees granted to men decreased by 72 or 4.6%. Of the total undergraduate degrees granted in 1998, there were 1,958 (55.7%) granted to women and 1,556 (44.3%) to men. By 2002, the proportion of women receiving degrees had increased to 2,159 (59.3%), while the proportion of men receiving degrees had dropped to 1,484 (40.7%). Again, this trend closely matches that for total undergraduate degrees granted by gender for Manitoba's universities, as discussed in section 1.4.2.

These changing trends by gender over time can also be found in certain faculties. For example by 2002, the proportion of undergraduate degrees granted to women increased in professions such as Management (43.3%), Agriculture (41.5%), and

Engineering (21.3%), while the proportion of men receiving degrees in these faculties dropped over time.

- **University of Winnipeg**

Between 1998 to 2002, total undergraduate degrees granted at UW decreased by 1.6% (15 graduates). During the late 1990s, more students at UW began taking four-year programs, as opposed to the three-year programs that had been more common in the early 1990s. The increase in students choosing to graduate with a four-year degree, resulted in students remaining at the institution for a longer period of time. These factors account for the decreasing graduation rate of 3.4% or 32 graduates at UW during the 1998 to 1999, as shown in Table 1.9.1. Following the decrease in 1999, the number of undergraduate degrees granted increased for the next two years by 16.0% (146 graduates). This was followed by another decrease of 129 graduates (12.2%). The decrease in 2002, is partially due to the changes in Education and to general decreases in Arts and Science.

Changing trends by gender can also be found at UW. In 1998, women were granted 571 (60.5%) and men received 373 (39.5%) of all degrees granted at UW. By 2002, the number of degrees granted to women had increased to 599 (64.5%) and men received 373 (35.5%) of all undergraduate degrees granted by UW.

Women were granted the majority of degrees in all faculties, with the exception of the Faculty of Theology, as there were no female theology graduates between 1998 and 2002.

- **Brandon University**

Throughout the period between 1998 and 2002, degrees granted by BU decreased by 2.0% (9 graduates), as found in Table 1.9.1. Annually, there were decreases in both 1999 and 2000 of 2.2% (10 graduates) and 6.7% (30 graduates) respectively. However, after 2000, the number of graduates increased on an annual basis.

Between 1998 and 2002, consistent with the changing trends by gender at UM and UW, the proportion of all BU degrees conferred to women increased from 64.6% to 69.4%, while the proportion of degrees conferred to men decreased from 35.4% to 30.6% over the same time period.

- **Collège de Saint-Boniface**

Table 1.9.1 shows that between 1998 and 2002, the number of degrees granted to CSB graduates increased in all faculties, and overall by 50.6% (40 graduates). Of the total number of degrees awarded to CSB graduates by gender between 1998 and 2002, the number of degrees earned by women increased from 68.3% to 72.3%, while the proportion of men receiving degrees from CSB decreased from 31.7% to 27.7%.

Table 1.9.1- Undergraduate Degrees Granted by University and Faculty/School

University by Faculty		Academic Year 1998 - 2002									
		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba [1]											
Agricultural & Food Sciences	Bachelor of Science (Agriculture)	37	41	35	31	41	30	37	32	32	30
	Bachelor of Science (Agribusiness)	6	6	9	19	8	24	15	15	9	15
	Bachelor of Science (Agroecology)	1	2	11	4	6	6	6	3	10	2
	Bachelor of Science (Food Science)	15	2	8	5	5	3	6	1	7	4
	Diploma in Agriculture	8	48	14	56	12	59	12	43	8	42
	Subtotal	**166**		**192**		**194**		**170**		**159**	
Architecture	Bachelor of Environmental Design	19	42	15	36	18	29	36	35	30	36
	Bachelor of Interior Design	31	2	24	3	19	3	23	2	9	2
	Subtotal	**94**		**78**		**69**		**96**		**77**	
School of Art	Bachelor of Fine Arts	9	6	7	3	15	7	9	4	10	6
	Bachelor of Fine Arts (Honours)	20	8	18	14	25	19	20	10	26	19
	Bachelor of Fine Arts (Art History)	1	0	0	0	2	0	0	0	0	0
	Bachelor of Fine Arts (Art History, Honours)	1	0	0	0	0	0	2	1	1	0
	Diploma in Art	0	2	2	1	2	1	2	1	0	0
	Subtotal	**47**		**45**		**71**		**49**		**62**	
Arts	Baccalauréat ès Arts [2]	17	13	17	9	21	12	29	12	32	10
	Baccalauréat ès Arts (Latin-Philosophie) [2]	5	3	2	3	1	3	4	0	1	1
	Baccalauréat ès Arts (Spec. en Traduction) [2]	3	1	1	0	6	1	2	1	2	1
	Bachelor of Arts	291	211	269	221	290	220	319	225	358	240
	Bachelor of Arts (Advanced)	73	40	58	30	64	31	60	21	61	28
	Bachelor of Arts (Honours)	46	20	44	26	26	22	34	24	35	23
	Bachelor of Arts (Special)	0	0	1	0	1	0	0	0	0	0
	Certificat de Traduction [2]	4	1	1	2	2	0	2	1	9	6
	Subtotal	**728**		**684**		**700**		**734**		**807**	
Continuing Education	Diploma in Community Wellness	-	-	-	-	10	5	5	4	11	2
	Subtotal	**-**		**-**		**15**		**9**		**13**	
Dental Hygiene	Diploma in Dental Hygiene	24	0	25	0	25	1	23	2	28	0
	Subtotal	**24**		**25**		**26**		**25**		**28**	
Dentistry	Bachelor of Science (Dentistry)	3	0	1	3	2	3	1	0	5	3
	Doctor of Dental Medicine	11	11	8	15	10	16	6	14	14	12
	Subtotal	**25**		**27**		**31**		**21**		**34**	

Table 1.9.1 con't...		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba											
Education	Baccalauréat en Éducation [2]	20	4	23	5	35	7	33	6	25	5
	Bachelor of Education	268	108	260	111	238	98	281	111	225	110
	Certificat Postbaccalauréat [2]	1	0	4	2	3	3	6	0	3	6
	Post-Baccalaureate Certificate	80	32	65	22	60	26	93	18	87	31
	Subtotal	**513**		**492**		**470**		**548**		**492**	
Engineering	Bachelor of Science Engineering (Bio-systems)	2	8	5	9	5	5	6	12	5	7
	Bachelor of Science Engineering (Civil)	14	30	11	37	6	27	12	24	7	28
	Bachelor of Science Engineering (Computer)	2	47	1	34	7	42	7	42	5	47
	Bachelor of Science Engineering (Electrical)	6	32	8	39	9	29	13	31	8	27
	Bachelor of Science Engineering (Geological)	6	5	3	3	2	0	0	1	0	0
	Bachelor of Science Engineering (Industrial)	11	9	1	8	6	10	5	11	9	12
	Bachelor of Science Engineering (Mechanical)	11	58	12	41	8	49	4	53	12	49
	Subtotal	**241**		**212**		**205**		**221**		**216**	
Human Ecology	Bachelor of Human Ecology	114	11	102	7	86	7	56	1	55	3
	Subtotal	**125**		**109**		**93**		**57**		**58**	
Law	Bachelor of Laws (LL.B.)	33	47	45	46	44	35	38	50	35	37
	Subtotal	**80**		**91**		**79**		**88**		**72**	
Management	Bachelor of Commerce (Honours)	148	212	152	203	153	162	180	192	164	214
	B. en Administration des Affaires (B.A.A.)	-	-	-	-	-	-	-	-	1	2
	Certificate in Management	5	20	9	14	2	6	0	0	0	0
	Subtotal	**385**		**378**		**323**		**372**		**381**	
Medical Rehabilitation	Bachelor of Medical Rehabilitation (Occupational Therapy)	24	5	25	6	26	4	24	3	26	4
	Bachelor of Medical Rehabilitation (Physical Therapy)	16	12	21	12	18	11	20	8	27	7
	Subtotal	**57**		**64**		**59**		**55**		**64**	
Medicine	Bachelor of Science (Medicine)	8	23	10	14	7	20	11	18	8	20
	Doctor of Medicine	23	45	28	42	25	50	24	48	27	42
	Subtotal	**99**		**94**		**102**		**101**		**97**	

Table 1.9.1 con't...		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba											
Music	Bachelor of Music	10	13	12	6	16	4	12	8	10	1
	Bachelor of Music (Composition)	0	1	0	0	1	1	0	0	0	2
	Bachelor of Music (History)	2	0	0	0	1	0	0	1	0	0
	Bachelor of Music (Performance)	6	1	3	4	10	4	10	7	11	5
	Subtotal	**33**		**25**		**37**		**38**		**29**	
Nursing	Bachelor of Nursing (2 year)[3]	0	0	52	1	62	2	28	1	38	3
	Bachelor of Nursing (4 year)	150	14	103	13	116	30	133	21	215	26
	Subtotal	**164**		**169**		**210**		**183**		**282**	
Pharmacy	Bachelor of Science (Pharmacy)	29	20	30	17	23	19	35	12	33	15
	Subtotal	**49**		**47**		**42**		**47**		**48**	
Physical Education & Recreation Studies	Bachelor of Exercise & Sport Science	-	-	-	-	-	2	4	3	25	13
	Bachelor of Physical Education	36	32	33	35	31	18	28	19	24	15
	Bachelor of Recreation Studies	32	9	19	6	31	8	20	6	21	6
	Subtotal	**109**		**93**		**90**		**80**		**104**	
Science	Baccalauréat ès Sciences [2]	4	3	8	1	2	2	9	7	10	1
	Baccalauréat ès Sciences (Major) [2]	0	0	3	1	1	1	1	2	3	1
	Bachelor of Computer Science (Honours)	3	25	5	18	3	23	6	42	7	24
	Bachelor of Science	69	102	76	86	76	84	96	96	90	85
	Bachelor of Science (Honours)	40	36	28	28	28	28	29	32	30	29
	Bachelor of Science (Major)	91	112	81	112	96	90	85	121	100	107
	Subtotal	**485**		**447**		**434**		**526**		**487**	
Social Work	Bachelor of Social Work	69	21	115	24	80	18	106	12	115	18
	Subtotal	**90**		**139**		**98**		**118**		**133**	
	Subtotal	**1,958**	**1,556**	**1,923**	**1,488**	**1,928**	**1,420**	**2,068**	**1,470**	**2,159**	**1,484**
Total University of Manitoba		**3,514**		**3,411**		**3,348**		**3,538**		**3,643**	

Notes:
1. The reporting of degrees is based on a calendar year (February, May and October graduands).
2. These are CSB students.
3. After 1999, the Bachelor of Nursing degree included of the 2-year Bachelor of Nursing for Registered Nurses program and the 4-year Baccalaureate Nursing program.

Table 1.9.1 con't...		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Winnipeg [1]											
Arts	Bachelor of Arts	298	203	291	183	310	201	351	182	319	173
	Bachelor of Arts (4 year)	13	13	15	13	24	12	35	13	38	21
	Bachelor of Arts (Honours)	60	40	65	37	48	24	65	29	61	25
	Subtotal	**627**		**604**		**619**		**675**		**637**	
Education	Bachelor of Education [2]	104	44	89	30	109	33	124	46	64	26
	Subtotal	**148**		**119**		**142**		**170**		**90**	
Science	Bachelor of Science	60	44	55	66	58	68	68	44	71	57
	Bachelor of Science (4 year)	36	29	38	29	34	38	47	28	29	22
	Bachelor of Science (Honours)	-	-	-	-	6	1	10	12	17	6
	Subtotal	**169**		**188**		**205**		**209**		**202**	
Theology	Bachelor of Theology	0	0	1	0	0	0	0	4	0	0
	Subtotal	**0**		**1**		**0**		**4**		**0**	
	Subtotal	**571**	**373**	**554**	**358**	**589**	**377**	**700**	**358**	**599**	**330**
Total University of Winnipeg		**944**		**912**		**966**		**1,058**		**929**	

Notes:

1. The reporting of degrees is based on a calendar year (February, May and October graduands).
2. UW Education students have always graduated from UW, including the early 1990s when they took their fourth year at the UM.

Table 1.9.1 con't...		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Brandon University [1]											
Arts	Bachelor of Arts (3 year)	45	21	41	31	37	23	44	10	10	5
	Bachelor of Arts (3 year Gen.)	-	-	-	-	-	-	-	-	31	8
	Bachelor of Arts (4 year)	5	7	1	4	4	3	8	3	1	0
	Bachelor of Arts (4 year Gen.)	-	-	-	-	-	-	-	-	9	3
	Bachelor of Arts (Specialized)	7	1	10	7	9	7	6	3	4	6
	Bachelor of Business Admin. (4 year)	2	1	6	4	5	8	3	7	0	4
	Subtotal	**89**		**104**		**96**		**84**		**81**	
Science	Bachelor of Science (3 year)	25	23	25	18	31	23	27	19	4	2
	Bachelor of Science (3 year Gen.)	-	-	-	-	-	-	-	-	26	15
	Bachelor of Science (4 year)	5	11	6	7	8	7	6	8	0	1
	Bachelor of Science (4 year Gen.)	-	-	-	-	-	-	-	-	7	3
	Bachelor of Science (4 year Honours)	-	-	-	-	-	-	-	-	0	3
	Bachelor of Science (Specialized)	10	9	9	9	10	9	10	11	8	7
	Subtotal	**83**		**74**		**88**		**81**		**76**	
Education	Bachelor of Education (4 year)	100	31	98	26	83	16	65	17	35	11
	Bachelor of Education (After Degree)	37	26	40	23	33	20	41	30	62	25
	Bachelor of General Studies (Conc)	0	1	2	0	0	0	5	0	15	2
	Bachelor of Music/Bachelor of Ed.	3	2	6	2	2	1	2	2	2	3
	Subtotal	**200**		**197**		**155**		**162**		**155**	
Music	Bachelor of Music (4 year)	13	4	14	6	6	5	9	5	12	6
	Bachelor of Music (Specialized)	-	-	-	-	-	-	2	1	0	0
	Subtotal	**17**		**20**		**11**		**17**		**18**	
Health Studies	Bachelor of Science Mental Health (2 yr)	3	1	0	0	0	0	2	0	2	0
	Bachelor of Science Nursing (2 year)	8	0	6	0	8	0	8	0	3	0
	Bachelor of Science Psychiatric Nursing (4 year)	7	1	5	2	15	0	13	2	13	2
	Subtotal	**20**		**13**		**23**		**25**		**20**	
General Studies	Bachelor of General Studies	25	23	18	21	21	23	42	29	48	30
	Subtotal	**48**		**39**		**44**		**71**		**78**	
FNAC	Bachelor in First Nations Aboriginal Counseling	-	-	-	-	-	-	4	2	10	1
	Subtotal	**-**		**-**		**-**		**6**		**11**	
	Subtotal	**295**	**162**	**287**	**160**	**272**	**145**	**297**	**149**	**311**	**137**
Total Brandon University		**457**		**447**		**417**		**446**		**448**	

Note:
1. The reporting of degrees is based on a calendar year (February, May and October graduands).

Table 1.9.1 con't...		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Collège de Saint-Boniface [1,2]											
Arts	Baccalauréat ès Arts (Bachelor of Arts)	25	17	20	12	28	16	35	13	35	12
	Certificat en Traduction (Certification in Translation)	4	1	1	2	2	0	2	1	9	6
	Subtotal	**47**		**35**		**46**		**51**		**62**	
Science	Baccalauréat ès Sciences (Bachelor of Sciences)	4	3	11	2	3	3	10	9	13	2
	Subtotal	**7**		**13**		**6**		**19**		**15**	
Éducation	Baccalauréat ès Éducation (Bachelor of Education)	20	4	23	5	35	7	33	6	25	5
	Certificat Postbaccalauréat (Post-Baccalaureate Certificate)	1	0	4	2	3	3	6	0	3	6
	Subtotal	**25**		**34**		**48**		**45**		**39**	
Admin. des Affaires	Baccalauréat en Administration des Affaires (B.A.A)	-	-	-	-	-	-	-	-	1	2
	Subtotal	**-**		**-**		**-**		**-**		**3**	
	Subtotal	**54**	**25**	**59**	**23**	**71**	**29**	**86**	**29**	**86**	**33**
Total Collège de Saint-Boniface		**79**		**82**		**100**		**115**		**119**	

Notes:

1. CSB is an affiliated college of the UM. The UM Senate confers degrees. Therefore, CSB students receive UM degrees and are counted in the UM graduate tables.
2. The reporting of degrees is based on a calendar year (February, May and October graduands).

1.10 Graduate Enrollment by Faculty/School - Regular Session

In this section, analysis is provided for UM only, as graduate enrollments for UW, BU and CSB are not sufficient to allow for a full analysis.

- **University of Manitoba**

As noted earlier in Section 1.3.2, total graduate enrollment for regular session increased by 3.5% or 82 students between 1998/99 and 2002/03. UM, which comprises almost 90% of total university graduate student enrollment, had an enrollment increase of 0.2% or 8 students between 1999/00 and 2000/01. The other three universities comprised the remaining 10% of the graduate student population, BU and CSB had slight increases in enrollment over the five-year period, while the UW showed a slight decrease.

Those faculties with the largest graduate enrollments had larger decreases between 1998/99 and 2002/03, as shown in Table 1.10.1. These include Human Ecology(26.9%), Graduate Studies (22.2%), Arts (8.3%) and Agriculture (4.2%). Similarly, the following faculties all had graduate enrollment increases over the same time period: Management (25.2%), Social Work (23.5%), Pharmacy (21.4%), Engineering (21.1%), Nursing (18.3%), Science (17.6%) and Education (9.2%). The data also show a large enrollment increase in Law, Architecture, and Medical Rehabilitation.

Analysis of graduate enrollment by gender at UM shows that of the total graduate enrollments between 1998/99 and 2002/03, the proportion of women enrolled increased from 52% to 54%, while the proportion of men enrolled dropped from 48% to 46%. Of the total enrollment over the same time period however, the number of women enrolled in graduate programs rose by 153 students or 11.1% and the number of men enrolled increased by 54 students or 4.2%.

Further analysis shows that contrary to some of the previous findings on undergraduate enrollment by gender, men formed the majority of graduate enrollments in Dentistry, Engineering, Management, Science, Architecture, and Agriculture in 2002/02. While women had higher enrollments in Human Ecology, Nursing, Social Work, Education, Medicine and Arts.

Table 1.10.1 – Graduate Enrollment by Faculty/School – Regular Session

University by Faculty/School		1998/99				1999/00				2000/01				2001/02				2002/03			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba[1]																					
Agricultural and Food Sciences	Agribusiness & Ag Econ.[2]	5	9	0	1	6	6	1	4	8	7	0	3	6	7	1	2	6	3	0	1
	Animal Science	14	9	1	1	13	12	1	0	8	9	0	0	13	8	0	1	11	7	0	1
	Biosystems Engineering	4	14	0	2	4	19	0	0	4	20	0	2	3	21	0	2	5	22	0	3
	Entomology	7	7	0	0	10	8	0	0	10	9	1	0	11	9	1	0	9	9	1	0
	Food Science	17	5	0	1	16	8	1	0	13	8	2	1	15	5	0	1	14	2	0	1
	Plant Science	17	21	4	8	19	20	3	8	18	19	7	9	12	21	9	3	12	22	4	3
	Soil Science	3	12	2	3	4	9	0	4	7	10	1	5	6	13	0	5	9	11	1	3
	Subtotal	**144**		**23**		**154**		**22**		**150**		**31**		**150**		**25**		**142**		**18**	
Architecture	Architecture	28	56	0	2	25	80	0	1	31	77	0	2	38	85	0	0	49	88	0	1
	City Planning	13	29	1	3	15	26	2	3	14	19	0	0	18	22	0	1	27	25	0	1
	Interior Design	5	0	0	0	5	0	0	0	2	2	2	0	9	2	3	0	20	5	0	0
	Landscape Arch.	25	37	1	0	28	36	3	0	24	30	3	0	32	21	3	0	36	8	1	2
	Subtotal	**193**		**7**		**215**		**9**		**199**		**7**		**227**		**7**		**258**		**5**	
Arts	Anthropology	23	21	2	2	21	19	2	1	24	20	3	1	27	24	7	2	24	14	6	2
	Classics	1	3	1	0	0	3	1	0	0	3	0	0	0	2	0	0	0	2	0	0
	Economics	10	20	2	2	11	19	1	2	9	22	1	0	6	17	1	1	12	24	1	2
	English	32	33	4	2	35	25	5		40	26	9	1	37	24	6	4	34	18	5	3
	French, Spanish & Ital.	10	2	2	1	11	2	1	1	12	1	0	0	9	2	0	0	8	2	0	0
	Geography	13	29	1	2	13	21	2	3	12	16	3	2	13	13	1	2	9	14	2	3
	German	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0
	History	40	32	2	7	34	30	8	4	30	24	12	6	34	28	7	5	41	21	9	9
	Icelandic	0	0	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
	Linguistics	8	8	0	0	7	6	0	2	4	4	2	2	2	5	1	1	3	7	2	0
	Native Studies	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	7	1	0	0
	Philosophy	5	9	2	1	6	3	1	1	9	9	1	0	9	12	0	0	4	15	1	0
	Political Studies	9	11	2	3	9	10	3	2	8	6	5	7	9	14	2	3	9	16	2	3
	Psychology	54	39	11	4	52	34	5	3	52	32	3	1	53	32	6	4	56	30	9	3
	Religion	11	11	0	1	9	9	1	1	8	6	0	2	5	6	0	2	6	7	2	2
	Sociology	30	16	5	2	32	11	5	2	33	10	4	2	27	9	0	3	23	10	3	1
	Canadian Studies[3]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2	0	0	6	2
	Subtotal	**480**		**62**		**433**		**58**		**421**		**68**		**424**		**60**		**419**		**78**	

Table 1.10.1 con't...		1998/99				1999/00				2000/01				2001/02				2002/03			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba																					
Dentistry	Oral Biology	4	3	1	0	5	4	1	0	2	3	1	0	3	3	1	0	3	3	1	0
	Prev. Dental Sc.	-	-	-	-	-	-	-	-	-	-	-	-	0	8	0	0	2	7	0	0
	Dental Diag & Surg Sc.	3	6	0	0	1	8	0	0	0	8	0	0	2	6	0	0	1	6	0	0
	Dental Diag & Surg Sc. (Diploma) [4]	0	7	0	0	0	5	0	0	0	6	-	-	-	-	-	-	-	-	-	-
	Subtotal	**23**		**1**		**23**		**1**		**19**		**1**		**22**		**1**		**22**		**1**	
Education	Curr: Hum. & Soc. Sc.	10	2	45	18	5	1	35	12	6	1	22	9	2	1	16	5	2	1	9	3
	Curr: Math. & Nat.Sc.	4	4	8	15	3	2	7	12	1	2	4	11	3	1	2	7	1	0	2	4
	Curr: Teaching & Learning	-	-	-	-	1	0	5	4	8	1	21	5	8	0	35	7	7	1	39	14
	Educ. Admin. & Found.	4	2	35	18	1	1	25	9	1	0	12	4	0	0	7	1	0	0	2	0
	Educ. Psychology	11	2	17	3	8	2	9	2	6	1	7	1	3	0	7	1	2	0	7	0
	Educ. Adm., Fnd. & Psy.	5	1	15	6	7	0	22	11	15	6	36	11	20	9	47	19	20	4	70	39
	Faculty based Ph.D.	7	5	16	0	8	5	14	2	6	4	13	3	7	5	13	5	4	5	15	5
	Education [5]	0	0	6	2	1	0	13	6	2	1	9	5	0	0	9	7	1	1	22	5
	Subtotal	**57**		**204**		**45**		**188**		**61**		**173**		**59**		**188**		**49**		**236**	
Engineering	Civil [6]	16	50	2	20	10	46	4	18	11	49	4	12	13	42	5	13	13	45	7	11
	Elect. & Computer	20	99	0	21	19	100	4	34	18	98	1	33	23	95	1	31	32	115	5	26
	Mech. & Industrial	17	33	1	6	15	43	4	7	13	49	3	9	11	57	2	9	15	68	2	6
	Subtotal	**235**		**50**		**233**		**71**		**238**		**62**		**241**		**61**		**288**		**57**	
Graduate Studies	Food & Nutr. Sciences	7	2	1	0	5	2	2	0	5	4	1	0	8	6	0	0	10	7	0	1
	Interdisciplinary	34	15	12	2	27	13	12	1	27	12	9	1	14	6	10	1	12	7	5	3
	Public Administration	9	6	9	2	7	5	12	4	7	6	10	3	5	6	13	3	6	6	13	7
	Subtotal	**73**		**26**		**59**		**31**		**61**		**24**		**45**		**27**		**48**		**29**	

Table 1.10.1 con't...		1998/99				1999/00				2000/01				2001/02				2002/03			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba																					
Human Ecology	Clothing & Textiles	9	0	2	0	13	1	1	0	12	0	0	0	10	0	0	0	2	0	0	0
	Family Studies	17	0	1	0	11	0	3	0	15	0	2	0	16	0	5	0	13	0	4	0
	Foods & Nutrition	20	2	1	0	19	2	3	0	23	1	4	0	19	1	6	1	12	2	5	0
	Subtotal	**48**		**4**		**46**		**7**		**51**		**6**		**46**		**12**		**29**		**9**	
Law	Law	7	6	0	0	4	7	1	0	1	1	2	0	2	2	1	0	3	5	0	0
	Subtotal	**13**		**0**		**11**		**1**		**2**		**2**		**4**		**1**		**8**		**0**	
Management	Acct. & Finance	9	8	1	3	3	4	0	0	0	0	0	0	0	0	3	6	0	0	2	7
	Actuarial Science	6	5	0	1	1	6	0	0	0	3	0	0	0	2	0	1	0	0	0	1
	Business Admin.	0	0	0	2	0	1	1	0	0	1	0	0	0	0	3	0	0	0	5	2
	Interdisciplinary Mgmt.	6	13	25	41	7	14	35	60	10	18	45	74	7	18	43	57	10	24	36	61
	Marketing	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	Management	3	6	1	0	5	4	1	1	5	5	0	1	7	6	0	0	8	7	0	0
	Subtotal	**56**		**75**		**45**		**98**		**42**		**120**		**40**		**124**		**49**		**115**	
Medical Rehab.	Medical Rehabilitation	4		2	1	4	1	2	1	6	0	0	0	6	0	0	0	5	2	1	1
	Subtotal	**4**		**3**		**5**		**3**		**6**		**0**		**6**		**0**		**7**		**2**	
Medicine	Biochem. & Med Genetics	-	-	-	-	-	-	-	-	-	-	-	-	6	4	0	0	9	9	1	0
	Biochem. & Mol. Bio.	11	8	0	0	12	6	0	0	10	9	0	0	8	8	0	0	4	2	1	1
	Comm. Health Sciences	28	10	35	13	28	9	35	17	26	12	31	12	28	7	40	16	28	7	34	10
	Human Anat. & Cell Sc.	4	10	2	0	6	6	1	0	2	5	0	0	3	3	0	1	3	6	2	1
	Human Genetics	6	6	2	0	3	3	3	1	2	4	2	0	2	3	3	2	1	2	1	2
	Immunology	4	6	1	1	2	5	1	2	6	5	1	0	6	6	0	0	6	6	0	0
	Medical Microbiology	11	9	2	0	14	8	1	0	14	7	1	0	17	14	1	0	27	17	2	0
	Pathology	3	2	0	0	2	1	0	0	3	0	0	0	2	0	0	0	4	1	0	0
	Pharmacy & Therapy	7	11	1	0	5	9	1	0	10	11	1	0	11	9	1	1	12	8	0	1
	Physiology	32	37	3	0	32	31	3	2	31	21	5	4	33	27	2	4	32	22	8	1
	Surgery	0	1	1	1	0	2	0	0	0	0	0	0	0	1	0	1	0	1	0	1
	Subtotal	**206**		**62**		**184**		**67**		**178**		**57**		**198**		**72**		**207**		**66**	

Table 1.10.1 con't...		1998/99				1999/00				2000/01				2001/02				2002/03			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba																					
Music	Music	-	-	-	-	-	-	-	-	-	-	-	-	2	1	0	1	3	8	0	2
	Subtotal	-		-		-		-		-		-		**3**		**1**		**11**		**2**	
Natural Resource Institute	Natural Resource Institute	32	25	2	3	26	24	3	4	25	23	1	3	38	20	0	3	34	23	1	5
	Subtotal	**57**		**5**		**50**		**7**		**48**		**4**		**58**		**3**		**57**		**6**	
Nursing	Nursing	18	2	59	3	18	0	48	0	16	0	65	5	14	0	69	4	17	0	76	4
	Subtotal	**20**		**62**		**18**		**48**		**16**		**70**		**14**		**73**		**17**		**80**	
Pharmacy[7]	Pharmacy	5	9	0	0	7	7	1	0	9	7	1	1	8	7	1	2	8	6	2	1
	Subtotal	**14**		**0**		**14**		**1**		**16**		**2**		**15**		**3**		**14**		**3**	
Phys Ed & Rec. Studies	Physical Education	-	-	-	-	23	10	3	3	17	9	2	2	10	7	2	1	9	13	3	0
	Recreation Studies	-	-	-	-	2	1	0	0	7	2	2	0	7	2	1	2	4	0	2	3
	Phys Ed & Rec. Studies	21	11	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	**32**		**1**		**36**		**6**		**35**		**6**		**26**		**6**		**26**		**8**	
Science	Applied Mathematics	2	4	0	0	1	1	0	0	-	-	-	-	-	-	-	-	-	-	-	-
	Botany	14	11	1	1	15	11	0	1	17	11	0	1	20	13	2	0	16	15	3	1
	Chemistry[7]	15	13	0	2	14	15	0	1	9	21	1	1	10	23	0	0	7	17	0	0
	Computer Science	6	22	2	7	4	26	1	7	6	26	0	9	9	28	0	9	15	57	1	6
	Geological Sciences	6	10	3	2	7	10	1	2	9	11	0	1	6	9	1	1	5	4	3	4
	Mathematics	1	7	0	0	2	6	0	0	3	6	0	0	3	6	0	0	2	6	0	1
	Microbiology	10	13	0	0	10	17	1	0	8	17	1		8	18	2	2	12	19	0	1
	Physics & Astronomy [8]	6	23	1	1	5	22	3	1	5	14	1	2	5	14	2	1	6	17	0	3
	Statistics	3	11	0	3	3	11	0	1	1	7	2	2	5	9	2	2	10	7	2	1
	Zoology	17	20	2	0	17	15	2	1	20	15	1	0	21	13	2	0	21	16	3	0
	Subtotal	**214**		**25**		**212**		**22**		**206**		**22**		**220**		**26**		**252**		**29**	

Table 1.10.1 con't...		1998/99				1999/00				2000/01				2001/02				2002/03			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba																					
Social Work	Distance	-	-	-	-	-	-	-	-	0	1	23	4	1	0	17	3	0	0	8	3
	Social-Clinical	-	-	-	-	-	-	-	-	30	10	42	5	35	12	40	8	43	17	44	10
	Intervention																				
	Social Services	-	-	-	-	-	-	-	-	12	4	23	4	10	4	19	4	8	5	22	4
	Administration																				
	Social Work	53	12	79	22	58	16	76	17	12	4	11	4	17	7	24	4	0	0	0	0
	Subtotal	**65**		**101**		**74**		**93**		**73**		**116**		**86**		**119**		**93**		**112**	
Subtotal (excl. PGME)		**931**	**1,003**	**442**	**269**	**892**	**965**	**447**	**286**	**891**	**931**	**483**	**288**	**933**	**951**	**508**	**301**	**984**	**1,012**	**542**	**314**
Post Graduate Medical Education		**378**		**0**		**380**		**0**		**385**		**0**		**391**		**0**		**405**		**0**	
Total University of Manitoba		**2,312**		**711**		**2,237**		**733**		**2,207**		**771**		**2,275**		**809**		**2,401**		**856**	

Notes:
1. Data as at November 1st. Graduate figures include students continuing in a course or thesis over more than one session.
2. The Department of Agricultural Economics & Farm Management changed its name to the Department of Agribusiness & Agricultural Economics in 2001/02.
3. Includes students in the Canadian Studies program at St. Boniface taking courses at the U. of M.
4. All diploma programs in Dentistry converted to Master's programs in 2001/02.
5. Students in the Education program at CSB taking courses at the UM.
6. The Department of Civil & Geological Engineering has changed its name to the Department of Civil Engineering in 2001/02.
7. Workload associated with one full-time Ph.D. student in Chemistry is performed by the Faculty of Pharmacy. Pharmacy Ph.D. program new in 1997/98.
8. Changed to Physics and Astronomy in 1998/99.

Table 1.10.1 con't...		1998/99				1999/00				2000/01				2001/02				2002/03			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Winnipeg [1]																					
Arts	**History**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	0
	Religion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	0	0
	Subtotal	-		-		-		-		-		-		-		-		3		0	
Graduate Studies	**Public Admin**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	13	7
	Subtotal	-		-		-		-		-		-		-		-		9		20	
History and Public Administration		18		25		13		25		18		25		18		25		-		-	
Total University of Winnipeg		18		25		13		25		18		25		18		25		12		20	

Note:
1. UW did not submit their regular session graduate enrollment by gender because historically this information was not collected between 1998/99 and 2001/02.

Table 1.10.1 con't...		1998/99				1999/00				2000/01				2001/02				2002/03			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Brandon University																					
Education	Education	3		41	27	4	0	66	21	2	3	54	19	1	1	50	14	0	0	53	16
	Subtotal	3		68		4		87		5		73		2		64		0		69	
Music	Music	0	0	2	0	0	2	2	0	0	0	2	0	2	0	1	0	0	0	2	2
	Subtotal	0		2		2		2		0		2		2		1		0		4	
Rural Development	Rural Dev't	-	-	-	-	-	-	7	5	1	0	7	10	1	1	14	8	0	0	7	5
	Subtotal	-		-		-		12		1		17		2		22		0		12	
Total Brandon University		3		70		6		101		6		92		6		87		0		85	

Table 1.10.1 con't...		1998/99				1999/00				2000/01				2001/02				2002/03			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Collège de Saint-Boniface																					
Éducation	Education	0	0	29	21	0	2	38	15	0	2	43	18	0	0	40	17	0	0	47	23
	Subtotal	**0**		**50**		**2**		**53**		**2**		**61**		**0**		**57**		**0**		**70**	
Arts	Études canadiennes	-	-	-	-	-	-	-	-	-	-	-	-	0	0	5	3	0	0	8	5
	Subtotal	-		-		-		-		-		-		**0**		**8**		**0**		**13**	
Total Collège de Saint-Boniface		**0**		**50**		**2**		**53**		**2**		**61**		**0**		**65**		**0**		**83**	

1.11 Graduate Degrees Granted by Faculty/School

A brief analysis will be provided for UM only. Few graduate degrees are granted at UW, BU and CSB and as such, there is not sufficient data for analysis.

As Table 1.11.1 shows, graduate degrees granted by faculty at UM decreased by 72 or 11.6% between 1998 and 2002. The percentage of graduate degrees granted declined every year from 1998 to 2000. In 2001, the number of degrees granted increased slightly by 3.6% (19 graduates), followed by another decrease in 2002/03. The largest drop of 63 or 10.5% in degrees granted occurred between 1999 and 2000.

The UM data is consistent with the changing trends by gender as noted in the previous section. Over the five-year period, the percentage of graduate degrees granted to women decreased by 38 (12.1%), and to men by 34 (11.1%). In 1998, of the total UM graduate degrees granted by gender, 315 (51%) degrees granted to women and 307 (49%) degrees granted to men. By 2002, the trend had evened out with both women and men receiving 50% of the graduate degrees granted.

Table 1.11.1- Graduate Degrees Granted by Faculty

University by Faculty/School		Academic Year 1998 - 2002									
		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba											
Agricultural & Food Sciences	Master of Science (Agriculture)	19	11	12	18	18	17	21	14	13	17
	Ph.D. (Agriculture)	4	9	1	6	0	6	0	6	4	11
	Subtotal	**43**		**37**		**41**		**41**		**45**	
Architecture	Master of Architecture	5	14	8	10	3	9	6	10	2	15
	Master of City Planning	9	10	5	11	5	5	3	7	1	4
	Master of Facility Management	14	10	-	-	-	-	-	-	-	-
	Master of Interior Design	0	0	0	0	1	0	1	0	2	0
	Master of Landscape Arch.	5	5	2	5	8	7	3	11	7	9
	Subtotal	**72**		**41**		**38**		**41**		**40**	
Arts	Master of Arts	41	30	34	42	39	33	41	26	37	32
	Ph.D. (Arts)	12	10	10	12	12	6	5	10	14	6
	Subtotal	**93**		**98**		**90**		**82**		**89**	
Dentistry	Diploma O & MS [1]	0	0	0	1	0	1	-	-	-	-
	Diploma in Periodontics [1]	1	1	0	2	0	0	-	-	-	-
	Master of Dentistry (O & MS)	-	-	-	-	-	-	0	1	0	0
	Master of Dentistry (Perio.)	-	-	-	-	-	-	0	2	0	0
	Master of Science (Dentistry)	1	3	2	1	1	3	0	3	0	4
	Ph.D. (Dentistry)	0	1	1	0	0	1	-	-	-	-
	Subtotal	**7**		**7**		**6**		**6**		**4**	
Education	Maîtrise en Éducation [2]	6	1	8	5	2	5	3	3	2	2
	Master of Education	49	20	43	20	32	11	31	23	33	10
	Ph.D. (Education)	2	1	1	0	1	1	4	0	5	3
	Subtotal	**79**		**77**		**52**		**64**		**55**	
Engineering	Master of Engineering	3	8	1	4	1	3	1	3	0	6
	Master of Science (Eng.)	8	32	13	27	7	25	12	28	6	42
	Ph.D. (Engineering)		12	3	12	2	13	2	16	2	11
	Subtotal	**63**		**60**		**51**		**62**		**67**	
Graduate Studies	Master of Public Admin.	12	6	10	6	10	7	9	6	16	5
	Master of Arts (Interdisc.)	0	0	0	0	0	0	2	0	5	0
	Master of Science (Interdisc.)	0	0	1	1	0	0	1	0	0	0
	Ph.D. (Human Nutritional Sc.)	0	0	1	2	1	0	1	0	1	0
	Ph.D. (Interdisciplinary)	4	4	5	0	6	1	5	4	1	0
	Subtotal	**26**		**26**		**25**		**28**		**28**	
Human Ecology	Master of Science (H.E.)	12	2	7	0	10	0	10	1	18	0
	Subtotal	**14**		**7**		**10**		**11**		**18**	

Table 1.11.1 con't...		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba											
Law	Master of Laws (LL.M.)	0	0	2	1	2	5	2	2	1	0
	Subtotal	**0**		**3**		**7**		**4**		**1**	
Management	Master of Accountancy [3]	3	7	9	8	3	5	-	-	-	-
	Master of Business Admin.	6	23	10	23	8	19	18	36	17	31
	Master of Science (Mgmt)	1	2	4	2	1	3	0	2	0	1
	Ph.D. (Management)	0	1	0	1	1	0	0	2	0	0
	Subtotal	**43**		**57**		**40**		**58**		**49**	
Medical Rehabilitation	Master of Science (Medical Rehabilitation)	1	0	1	0	2	1	1	0	3	0
	Subtotal	**1**		**1**		**3**		**1**		**3**	
Medicine	Master of Science (Medicine)	13	18	24	16	13	17	16	6	14	10
	Ph.D. (Medicine)	6	17	8	8	8	14	8	6	5	6
	Subtotal	**54**		**56**		**52**		**36**		**35**	
Natural Resources Institute	Master of Natural Resources Management	11	5	14	8	8	8	8	9	8	7
	Ph.D. (Natural Res.& Environ)[4]	-	-	-	-	-	-	-	-	1	0
	Subtotal	**16**		**22**		**16**		**17**		**16**	
Nursing	Master of Nursing	11	1	17	1	13	0	11	1	12	1
	Subtotal	**12**		**18**		**13**		**12**		**13**	
Pharmacy	Master of Science (Pharmacy)	1	2		2		1	1	1	2	1
	Ph.D. (Pharmacy)	-	-	-	-	-	-	-	-	1	1
	Subtotal	**3**		**2**		**1**		**2**		**5**	
Phys. Ed. & Recreation Studies	Master of Science (Phys Ed)	4	4	2	0	5	1	8	4	4	0
	Master of Arts (Rec. Studies) [5]	-	-	-	-	-	-	1	0	2	1
	Subtotal	**8**		**2**		**6**		**13**		**7**	
Science	Master of Science	17	15	15	21	21	22	9	18	13	24
	Master of Mathematical, Computational & Statistical Sc[6]	-	-	-	-	-	-	5	1	0	0
	Ph.D.	7	17	4	14	4	11	0	1	7	8
	Subtotal	**56**		**54**		**58**		**44**		**52**	
Social Work	Master of Social Work	27	5	25	5	25	1	26	6	18	5
	Subtotal	**32**		**30**		**26**		**32**		**23**	
	Subtotal	**315**	**307**	**303**	**295**	**273**	**262**	**275**	**279**	**277**	**273**
Total		**622**		**598**		**535**		**554**		**550**	

Notes: The reporting of degrees is based on a calendar year (February, May and October graduands) and does not include honorary degrees.

1. The Master of Dentistry replaces the Diploma in Periodontics and the Diploma in O &MS in 2001.
2. These are CSB students.
3. Master of Accountancy was discontinued in 2000/01.
4. In prior year the Ph. D. program was offered through the Department of Graduate Studies (Interdisciplinary).
5. Program leading to the Master of Arts in Recreation Studies new in 1999/00.
6. Program leading to a Masters in Mathematical, Computational and Statistical Sciences new in Summer 2001.

Table 1.11.1 con't...		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Winnipeg [1]											
Arts	Master of Arts	7	9	6	2	10	3	8	5	6	3
	Master of Marriage & Family Therapy	7	1	7	1	5	2	9	2	3	0
	Master of Divinity	3	2	5	2	4	2	4	6	3	3
	Master of Sacred Theology	0	3	0	1	1	2	1	0	0	1
	Subtotal	**32**		**24**		**29**		**35**		**19**	
Graduate Studies	Master of Public Administration	10	6	10	6	8	7	8	5	13	5
	Subtotal	**16**		**16**		**15**		**13**		**18**	
	Subtotal	**27**	**21**	**28**	**12**	**28**	**16**	**30**	**18**	**25**	**12**
Total		**48**		**40**		**44**		**48**		**37**	

Note:
1. The reporting of degrees is based on a calendar year (February, May and October graduands).

Table 1.11.1 con't...		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Brandon University [1]											
Education	Bachelor of Education	3	2	2	0	0	0	0	0	0	0
	Graduate Diploma	10	2	14	10	18	7	25	6	15	6
	Master of Education	7	2	4	2	6	1	4	5	6	4
	Subtotal	**26**		**32**		**32**		**40**		**31**	
Rural Development	Graduate Diploma (R.D.)	-	-	-	-	-	-	-	-	1	0
	Subtotal	-		-		-		-		**1**	
Music	Master of Music	0	3	0	1	1	0	3	1	2	0
	Subtotal	**3**		**1**		**1**		**4**		**2**	
	Subtotal	**20**	**9**	**20**	**13**	**25**	**8**	**32**	**12**	**24**	**10**
Total		**29**		**33**		**33**		**44**		**34**	

Note:
1. The reporting of degrees is based on a calendar year (February, May and October graduands).

Table 1.11.1 con't...		1998		1999		2000		2001		2002	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Collège de Saint-Boniface [1,2]											
Éducation	Maîtrise en Éducation	6	1	8	5	2	5	3	3	2	2
	Total	**7**		**13**		**7**		**6**		**4**	

Notes:
1. The reporting of degrees is based on a calendar year (February, May and October graduands) and does not include honorary degrees.
2. CSB is an affiliated college of the UM. The UM Senate confers the degrees. Therefore, CSB students receive UM degrees and are counted in the UM graduate tables.

CHAPTER 2 – COLLEGES

TABLE OF CONTENTS

LIST OF TABLES 98

CHAPTER 2 – COLLEGES 99
2.0 Background 99

2.1 Enrollment 100
2.1.1 Enrollment by College 100
2.1.2 Enrollment by Gender 101
2.1.3 Enrollment by Age 103
2.1.4 Enrollment by Aboriginal Status 104
2.1.5 Enrollment by Geographic Location 106

2.2 Graduates 107
2.2.1 Graduates by College 107
2.2.2 Graduates by Gender 108
2.2.3 Graduates by Age 109
2.2.4 Graduates by Aboriginal Status 110

2.3 Enrollment by College and Program 112

2.4 Graduates by College and Program 128

LIST OF TABLES

Table 2.1.1 - Enrollment by College 101

Table 2.1.2 - Enrollment by Gender 102

Table 2.1.3 - Enrollment by Age 103

Table 2.1.4 – Enrollment by Aboriginal Status 105

Table 2.1.5 - Enrollment by Geographic Location 106

Table 2.2.1 - Graduates by College 107

Table 2.2.2 - Graduates by Gender 108

Table 2.2.3 - Graduates by Age 109

Table 2.2.4 - Graduates by Aboriginal Status 111

Table 2.3 - Enrollment by College and Program 114

Table 2.4 - Graduates by College and Program 130

CHAPTER 2 – COLLEGES

2.0 Background

There are four publicly funded community colleges in Manitoba. Three colleges operate under *The Colleges Act*: Red River College (RRC), Assiniboine Community College (ACC), and Keewatin Community College (KCC). The fourth, École technique et professionnelle (ÉTP), is a division of le Collège de Saint-Boniface (CSB). In 1993/94, RRC, ACC and KCC became board-governed under *The Colleges Act*. ÉTP is governed by the Board of Governors of CSB. In 1997/98, the responsibility for managing the relationship between Government and the colleges was transferred to the Council on Post-Secondary Education.

The Government has worked with the colleges to increase capacity, expand programming and to meet the needs of Manitoba's labour market. Between 1998/99 and 2002/03 the Government implemented several initiatives aimed at increasing the capacity of the colleges and increasing programming opportunities for students.

The one-year Colleges Growth Plan was implemented in 1998/99 to expand college enrollment, eliminate wait lists, and to respond to the needs of Manitoba's labour market. Building on the Colleges Growth Plan, the College Expansion Initiative (CEI) was established in 2000/01as a longer-term strategy to double college participation in career and technical programs, and further meet Manitoba's labour market needs.

This chapter presents four sections of data and analysis on enrollment and graduates for the colleges from 1998/99 to 2002/03. The first two sections have enrollment and graduation data on demographics such as age, gender, etc. The last two sections include more detailed information on enrollment and graduation by program at each college.

In 1998/99 ACC and KCC upgraded their student information systems. This change resulted in partial information being unavailable for 1998/99, such as gender, age, geographical location and Aboriginal status. ACC is not able to provide full and part time enrollment breakdowns from 1998/99 to 2000/01 for gender, for age Aboriginal status and geographical location between 1998/99 to 2002/03. Table 2.1.1 shows total full and part time enrollment breakdowns at ACC.

In some situations, data in this Chapter may differ from the 2002/03 edition. Data in this document should be considered correct, as some of the institutions have revised their data. Where this has occurred, "Revised" will be noted in the row that has changed.

2.1 Enrollment

College enrollment data is collected and reported in conjunction with Statistics Canada reporting methods. Data is reported annually as of August 31.

This section includes data and analysis on enrollment by college, gender, age, Aboriginal status and geographic location. The data is based on the years from 1998/99 to 2002/03.

2.1.1 Enrollment by College

As Table 2.1.1 illustrates, the colleges' enrollment increased steadily between 1998/99 and 2002/03. In fact, the data shows that overall enrollment increased by 3,471 students (34.2%) during this time.

In 1998/99, the proportion of total enrollment in colleges in Manitoba was: RRC (67.3%), ACC (21.9%), KCC (9.6%), and ÉTP (1.3%). By 2002/03, these distributions had shifted slightly, with RRC accounting for 66.0% of the total college population, while ACC accounted for 22.7%. KCC and ETP remained mostly the same. The proportion of total college enrollment increased at steadily ACC since 1993/94. Enrollment distributions for KCC (9.8%) and ÉTP (1.5%) increased slightly.

Enrollment on a full-time basis accounted for 90.4% of total enrollment in 2002/03. This is a decline of 4.0 from 1998/99, when full time enrollment accounted for 94.4% of total enrollment.

Additionally, full-time enrollment increased by 2,730 students or 28.5% between 1998/99 and 2002/03. Similarly, total part-time enrollment more than doubled by 741 students (131.4%) between 1998/99 and 2002/03.

Table 2.1.1 - Enrollment by College

College [1]		Academic Year 1998/99 – 2002/03				
		1998/99	1999/00	2000/01	2001/02	2002/03
Red River College						
	FT	6,595	7,305	7,908	8,378	8,819
	PT	237	179	237	269	179
	Total	**6,832**	**7,484**	**8,145**	**8,647**	**8,998**
	FTE	4,697	5,162	5,692	6,003	6,523
Assiniboine Community College						
	FT	1,956	2,020	2,402	2,182	2,419
	PT	270	302	230	568	675
	Total	**2,226**	**2,322**	**2,632**	**2,750**	**3,094**
	FTE	1,229	1,381	1,327	1,303	1,350
Keewatin Community College [2]						
	FT	938	999	1,021	990	915
	PT	34	95	139	479	419
	Total	**972**	**1,094**	**1,160**	**1,469**	**1,334**
	FTE	N/a	489	599	702	685
École technique et professionnelle						
	FT	105	128	152	163	171
	PT	23	21	23	21	32
	Total	**128**	**149**	**175**	**184**	**203**
	FTE	112	134	159	169	180
Total						
	FT	9,594	10,452	11,483	11,713	12,324
	PT	564	597	629	1,337	1,305
	Total	**10,158**	**11,049**	**12,112**	**13,050**	**13,629**
	FTE	N/a	7,166	7,777	8,177	8,738

Notes:
1. Only those students enrolled in regular programs, apprenticeship programs, and studying full time at regional centers are included.
2. The student information system at KCC was changed in 1998/99. The former system did not keep student information this format; therefore 1998/99 is not available.
FTE = (Total Academic Hours + (Total Practicum Hours/3)) / 900 academic equivalent hours or 180 training days

2.1.2 Enrollment by Gender

Based on the data in Table 2.1.2, enrollment by gender at RRC remained almost unchanged between 1998/99 and 2002/03. Of the total enrollment at RRC in 2002/03, there were 5,079 (56.4%) men and 3,632 (40.4%) women. Enrollment patterns at ACC indicate that of the total college enrollment, men showed a decreasing trend (from 46.8% to 43.1%). Women, on the other hand, showed an increasing trend (from 46.6% to 54.6%) over the same period. Enrollment distributions by gender at KCC fell from 53.4% male in 1999/00 to 47.3% in 2002/03. Similarly, female enrollment at KCC

increased from 46.2% in 1999/00 to 52.6% in 2002/03. The data for ÉTP also illustrate that as a percentage of total enrollment, there was a decrease for men (from 48.4% to 41.7%), and an increase for women (from 51.6% to 58.3%) between 1998/99 and 2000/01. After 2000/01, enrollment of men increased to 45.8% of enrollment in 2002/03.

Table 2.1.2 - Enrollment by Gender

College	Academic Year 1998/99 – 2002/03									
	1998/99		1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College										
Male	3,655	67	4,160	47	4,522	77	4,910	83	5,001	78
Female	2,415	166	2,510	127	2,917	156	3,250	178	3,535	97
Unknown[1]	525	4	635	5	469	4	218	8	283	4
Subtotal	**6,595**	**237**	**7,305**	**179**	**7,908**	**237**	**8,378**	**269**	**8,819**	**179**
Total	**6,832**		**7,484**		**8,145**		**8,647**		**8,998**	
Assiniboine Community College[2]										
Male	1,041		1,092		1,156		1,180	58	1,153	179
Female	1,037		1,190		1,459		1,209	180	1,203	486
Unknown[1]	148		40		17		123	0	63	10
Subtotal	-		-		-		-		**2,419**	**675**
Total	**2,226**		**2,322**		**2,632**		**2,750**		**3,094**	
Keewatin Community College[3]										
Male	-	-	549	35	557	55	508	237	484	147
Female	-	-	445	60	462	84	481	239	430	272
Unknown[1]	-	-	5	0	2	0	1	3	1	0
Subtotal	**N/a**	**N/a**	**999**	**95**	**1,021**	**139**	**990**	**479**	**915**	**419**
Total	**N/a**		**1,094**		**1,160**		**1,469**		**1,334**	
École technique et professionnelle										
Male	51	11	54	9	63	10	81	5	85	8
Female	54	12	74	12	89	13	82	16	86	24
Unknown[1]	0	0	0	0	0	0	0	0	0	0
Subtotal	**105**	**23**	**128**	**21**	**152**	**23**	**163**	**21**	**171**	**32**
Total	**128**		**149**		**175**		**184**		**203**	

Notes:
1. Unknown status arises from incomplete records at the colleges.
2. Separate figures for full- and part-time enrollment were not available for 1998/99 to 2000/01 due to information system constraints.
3. The student information system at KCC was changed in 1998/99. The former system did not keep student information in this format; therefore 1998/99 is not available.

2.1.3 Enrollment by Age

Table 2.1.3 shows that at RRC enrollment in the 18 to 21 age range decreased between 1998/99 and 2002/03 from 31.5% to 26.6% of college enrollment. The data also shows that part-time enrollment increased as students aged in each of the five years. On average, part-time students were 7 years older than full-time students enrolled at RRC.

Enrollment of 18 to 21 year olds at ACC followed the same trend as RRC. Between 1999/00 and 2002/03, the proportion of students decreased from 54.8% to 42.4% of the total college population. Similarly, enrollment in the 18 to 21 age range at KCC declined slower than at both RRC and ACC, from 23.3% to 21.4% of total college enrollment over the four years.

College enrollment at ÉTP shows that the majority of students were 18 to 21 years in each of the five years. Furthermore, in 2001/02 and 2002/03 ÉTP students were, on average, seven to eight years younger than their counterparts at the other three colleges.

Table 2.1.3 - Enrollment by Age

College [1]	Academic Year 1998/99 – 2002/03									
	1998/99		1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College										
<18	22	0	12	0	10	0	14	0	16	0
18-21	2,133	21	2,219	28	2,413	24	2,304	18	2,381	16
22-24	1,255	33	1,382	24	1,390	25	1,447	31	1,499	20
25-28	893	37	983	22	1,053	42	1,138	48	1,191	22
29-35	772	40	892	34	1,031	55	1,176	50	1,178	40
>35	776	86	849	48	1,085	81	1,162	19	1,327	76
Unknown	744	20	968	23	926	10	1,137	103	1,227	5
Subtotal	**6,595**	**237**	**7,305**	**179**	**7,908**	**237**	**8,378**	**269**	**8,819**	**179**
Total	**6,832**		**7,484**		**8,145**		**8,647**		**8,998**	
Average Age	26	33	26	32	27	33	27	34	27	34
Assiniboine Community College [2,3]										
<18	-	-	40		57		1		48	
18-21	-	-	874		908		757		798	
22-24	-	-	400		426		500		514	
25-28	-	-	284		322		417		464	
29-35	-	-	283		370		424		496	
>35	-	-	318		485		594		677	
Unknown	-	-	123		64		57		97	
Total	**N/a**		**2,322**		**2,632**		**2,750**		**3,094**	
Average Age	-	-	25		26		29		28	

Table 2.1.3 con't	Academic Year 1998/99 – 2002/03									
	1998/99		1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Keewatin Community College [4]										
<18	-	-	25	1	10	0	12	46	24	45
18-21	-	-	236	19	209	23	181	132	180	106
22-24	-	-	170	12	174	25	157	62	137	58
25-28	-	-	181	18	170	21	167	66	162	55
29-35	-	-	213	18	234	31	223	61	185	71
>35	-	-	143	25	177	39	178	110	175	82
Unknown	-	-	31	2	47		72	2	52	2
Subtotal	**N/a**	**N/a**	**999**	**95**	**1,021**	**139**	**990**	**479**	**915**	**419**
Total	**N/a**		**1,094**		**1,160**		**1,469**		**1,334**	
Average Age	-	-	27	29	28	29	28	26	28	26
École technique et professionnelle										
<18	0	0	7	0	6	1	3	0	2	0
18-21	79	15	78	14	115	15	111	0	118	0
22-24	9	5	15	4	19	2	21	0	22	2
25-28	4	1	6	1	5	2	9	0	12	3
29-35	7	1	10	0	5	1	10	6	9	8
>35	6	1	12	2	2	2	9	15	8	19
Unknown	0	0	0	0	0	0	0	0	0	0
Subtotal	**105**	**23**	**128**	**21**	**152**	**23**	**163**	**21**	**171**	**32**
Total	**128**		**149**		**175**		**184**		**203**	
Average Age	19	19	19	19	18	18	19	31	19	33

Notes:
1. Enrollment is as of program start date.
2. Totals for age are different from Table 2.1.1 as students are counted once, regardless of the number of programs in which they are enrolled. Separate full- and part-time enrollments by age were unavailable.
3. Contract Training enrollment is not separated from the base budget figures in 1998/99, therefore 1998/99 is not shown.
4. The student information system at KCC was changed in 1998/99. The former system did not keep student information this format; therefore 1998/99 is not available.

2.1.4 Enrollment by Aboriginal Status

Since Aboriginal status is self-declared by each student, there is limited data available for analysis. However, the data available in Table 2.1.4 indicates that enrollment of Aboriginal students increased each year from 1998/99 to 2002/03 at ACC and KCC, while the percentage of Aboriginal students to total enrollment decreased annually at RRC from 9.7% to 8.4%. The raw data for RRC showed increases in enrollment of Aboriginal students. The data also show that almost 61% of KCC enrollment is comprised of Aboriginal students over the same time period. Additionally, the percentage of Aboriginal students attending ACC more than doubled over the five-year period.

Table 2.1.4 – Enrollment by Aboriginal Status

College [1]	Academic Year 1998/99 – 2002/03									
	1998/99		1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College										
First Nations	393	28	412	2	466	42	433	43	401	40
Metis	192	4	230	4	210	6	263	9	265	6
Inuit	1	0	2	0	0	0	2	0	5	0
Other	39	5	46	4	31	6	38	5	36	2
Subtotal	**625**	**37**	**690**	**10**	**707**	**54**	**736**	**57**	**707**	**48**
Total	**662**		**700**		**761**		**793**		**755**	
% of Total Enrollment	9.7%		9.4%		9.3%		9.2%		8.4%	
Assiniboine Community College [2]										
First Nations	119		172		288		348		456	
Metis	45		69		113		124		117	
Inuit	0		0		0		0		0	
Other	0		0		0		0		0	
Total	**164**		**241**		**401**		**472**		**573**	
% of Total Enrollment	7.4%		10.4%		15.2%		17.2%		18.5%	
Keewatin Community College [3]										
First Nations	-	-	508	41	536	81	540	274	490	219
Metis	-	-	95	17	90	15	70	37	67	35
Inuit	-	-	0	0	0	0	0	0	0	0
Other	-	-	0	0	0	0	0	0	0	0
Subtotal	**N/a**	**N/a**	**603**	**58**	**626**	**96**	**610**	**311**	**557**	**254**
Total	**N/a**		**661**		**722**		**921**		**811**	
% of Total Enrollment	-		60.4%		62.2%		62.7%		60.8%	
École technique et professionnelle [4]										
First Nations	0	0	0	0	0	0	0	0	0	0
Metis	0	0	0	0	0	0	0	0	0	0
Inuit	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	**0**		**0**		**0**		**0**		**0**	
% of Total Enrollment	-		-		-		-		-	

Notes:
1. Aboriginal status is self-declared.
2. A full time –part time breakdown of Aboriginal status is not available from ACC.
3. The student information system at KCC was changed in 1998/99. The former system did not keep student information this format; therefore 1998/99 is not available.
4. There are no self-declared Aboriginal students at ÉTP.

2.1.5 Enrollment by Geographic Location

The data in Table 2.1.5 shows that 96.4% of college students are from Manitoba. The remaining 3.6% of students came from outside Manitoba and from international locations. ÉTP on the other hand, shows variations in its international student enrollment over time from 17 students (13.3%) in 1998/99 to 48 students (27.4%) in 2000/01, decreasing to 32 students (15.8%) in 2002/03.

Table 2.1.5 - Enrollment by Geographic Location

College	Academic Year 1998/99 – 2002/03									
	1998/99		1999/00		2000/01		2001/02		2002/03	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College										
Manitoba	6,449	231	7,182	170	7,788	234	8,230	260	8,571	172
Outside Manitoba	118	5	117	8	105	2	148	9	248	7
International	16	0	5	1	3	1	0	0	0	0
Undeclared	12	1	1	0	12	0	0	0	0	0
Subtotal	**6,595**	**237**	**7,305**	**179**	**7,908**	**237**	**8,378**	**269**	**8,819**	**179**
Total	**6,832**		**7,484**		**8,145**		**8,647**		**8,998**	
Assiniboine Community College[1,2,3]										
Manitoba	-		2,143		2,525		2,629		2,940	
Outside Manitoba	-		104		85		78		101	
International	-		2		6		5		1	
Undeclared	-		73		16		38		52	
Total	**N/a**		**2,322**		**2,632**		**2,750**		**3,094**	
Keewatin Community College[4]										
Manitoba	-	-	969	90	996	133	966	446	896	393
Outside Manitoba	-	-	11	4	13	3	18	29	19	24
International	-	-	0	0	1	0	0	0	0	2
Undeclared	-	-	19	1	11	3	6	4	0	0
Subtotal	**N/a**	**N/a**	**999**	**95**	**1,021**	**139**	**990**	**479**	**915**	**419**
Total	**N/a**		**1,094**		**1,160**		**1,469**		**1,334**	
École technique et professionnelle										
Manitoba	84	19	98	3	115	3	123	20	133	28
Outside Manitoba	7	1	9	0	9	0	6	1	6	4
International	14	3	21	18	28	20	34	0	32	0
Subtotal	**105**	**23**	**128**	**21**	**152**	**23**	**163**	**21**	**171**	**32**
Total	**128**		**149**		**175**		**184**		**203**	

Notes:
1. Total enrollments for Geographic Location are different than total enrollment because students are counted once, regardless of the number of programs they are enrolled in. Separate figures for geographic region are not available.
2. Contract Training enrollment is not separated from the base budget figures in 1998/99, therefore 1998/99 is not shown.
3. Separate figures for full- and part-time enrollment were unavailable.
4. The student information system at KCC was changed in 1998/99. The former system did not keep student information this format; therefore 1998/99 is not available.

2.2 Graduates

2.2.1 Graduates by College

Table 2.2.1, the total number of college graduates increased between 1998/99 and 2002/03 by 53.4% from 2,710 to 4,157 graduates. The 2002/03 level has more than surpassed the earlier graduation high of 3,788 graduates in 1993/94.

The number of graduates fluctuated somewhat at each college, however, there were some noticeable trends. RRC showed a consistent increase throughout this period, as did ACC. Graduates from ÉTP increased from 1998/99 to 2000/01 and then remained stable while graduates from KCC decreased annually from 1998/99 to 2000/01. After 2000/01, there was an increase of 114 graduates (72.6%) from KCC.

On a college-by-college basis, the graduation rate was similar to the trend of enrollment. In 1998/99, the distribution of graduates by college was: RRC (1,865 graduates or 69% of all college graduates), ACC (536 graduates or 19.8%), KCC (252 graduates or 9.3%), and ÉTP (57 graduates or 2.1%). By 2002/03, the number of graduates at each college was as follows: RRC (3,015 graduates or 72.5%), ACC (794 graduates or 19.1%), KCC (271 graduates or 6.5%) and ÉTP (77 graduates or 1.9%).

Table 2.2.1 - Graduates by College

College [1,2]	Academic Year 1998/99 – 2002/03				
	1998/99	1999/00	2000/01	2001/02	2002/03
Red River College	1,865	2,042	2,086	2,416	3,015
Assiniboine Community College	536	600	759	692	794
Keewatin Community College	252	227	157	215	271
École technique et professionnelle	57	71	78	76	77
Total	**2,710**	**2,940**	**3,080**	**3,399**	**4,157**

Notes:
1. Includes day programs and full-time programs at regional centers.
2. Apprenticeship is not included because Apprentices graduate with certificates from the Province of Manitoba.

2.2.2 Graduates by Gender

Table 2.2.2 illustrates that the number of graduates increased at all four colleges between 1998/99 and 2002/03. However, in 2002/03, gender data at RRC showed an uneven distribution between male and female graduates for the first time in the period. In 2002/03, 54.8% (1,653 graduates) of RRC graduates were women and 43.5% (1,313 graduates) were men. Just over one-third (284 or 35.7%) of ACC graduates were men and almost two-thirds (510 or 64.2%) were women in 2002/03. In that same year, there were 101 men (37.2%) and 170 women (62.7%) who graduated from KCC. ETP had an even distribution by gender with 38 men (49.3%) and 39 women (50.6%) graduating in 2002/03.

Table 2.2.2 - Graduates by Gender

College	Academic Year 1998/99 – 2002/03				
	1998/99	1999/00	2000/01	2001/02	2002/03
Red River College					
Male	930	966	1,002	1,172	1,313
Female	909	1,040	1,024	1,188	1,653
Unknown[1]	26	36	60	56	49
Total	**1,865**	**2,042**	**2,086**	**2,416**	**3,015**
Assiniboine Community College					
Male	182	216	243	232	284
Female	354	384	516	457	510
Unknown[1]	0	0	0	3	0
Total	**536**	**600**	**759**	**692**	**794**
Keewatin Community College [2]					
Male	-	97	71	88	101
Female	-	128	86	127	170
Unknown[1]	-	2	0	0	0
Total	**N/a**	**227**	**157**	**215**	**271**
Ecole technique et professionnelle					
Male	25	31	33	31	38
Female	32	40	45	45	39
Unknown[1]	0	0	0	0	0
Total	**57**	**71**	**78**	**76**	**77**

Notes:
1. Unknown status arises from incomplete records at the colleges.
2. The student information system at KCC was changed in 1998/99. The former system did not keep student information this format; therefore 1998/99 is not available.

2.2.3 Graduates by Age

The distribution of graduates by age between 1998/99 and 2002/03 (Table 2.2 3) shows that the largest proportion of graduates at each college were aged 18 to 24 years. At RRC in 2002/03, there were 1,181 graduates (39.2% of RRC graduates) aged 18 to 24 years, 990 graduates (32.8%) were 25 to 35 years of age, and 693 (23.0%) were over 35 years of age. ACC had a percentage decrease from 65.7% to 45.3% in ACC graduates aged 18 to 24 years between 1999/00 and 2002/03. In addition, there were increases 22.0% to 38.5% in the graduates aged 29 and older.

Similar to the trend in college enrollment the average age of graduates increased. In 1998/99, 51.3% of the graduates at RRC and 73.7% of the graduates at ETP were aged between 18 and 24 years, by 2002/03 these percentages had declined to 39.2% and 59.7% respectively. ACC and KCC could not provide 1998/99 data. In 1999/00 ACC had 65.2% of its graduates aged 18 to 24 and KCC had 43.6% of graduates aged 18 to 24. Similar to RRC and ETP, the percentage of its graduates at both ACC and KCC decreased in the 18 to 24 age range over the four years between 1999/00 and 2002/03.

Between 1998/99 and 2002/03, the average age of graduates at RRC, ACC and KCC ranged from 26 to 29 years. Graduates from ETP are much younger, ranging from 21 to 23 years old.

Table 2.2.3 - Graduates by Age

College	Academic Year 1998/99 – 2002/03				
	1998/99	1999/00	2000/01	2001/02	2002/03
Red River College					
<18	11	9	7	10	12
18-21	484	494	525	539	573
22-24	473	535	493	515	608
25-28	310	328	340	366	466
29-35	248	282	289	412	524
>35	301	347	379	458	693
Unknown	38	47	53	116	139
Total	**1,865**	**2,042**	**2,086**	**2,416**	**3,015**
Average Age	27	28	28	28	29
Assiniboine Community College[1]					
<18	-	5	2	5	3
18-21	-	285	300	263	219
22-24	-	106	126	106	141
25-28	-	65	79	88	121
29-35	-	52	112	102	123
>35	-	80	132	121	183
Unknown	-	7	8	7	4
Total	**N/a**	**600**	**759**	**692**	**794**
Average Age	-	26	27	27	29

Table 2.2.3 con't	Academic Year 1998/99 – 2002/03				
	1998/99	1999/00	2000/01	2001/02	2002/03
Keewatin Community College [2]					
<18	-	0	0	0	0
18-21	-	59	36	35	53
22-24	-	40	35	32	47
25-28	-	37	23	41	48
29-35	-	52	35	53	61
>35	-	38	28	53	62
Unknown	-	1	0	1	0
Total	**N/a**	**227**	**157**	**215**	**271**
Average Age	-	27	27	29	28
École technique et professionnelle					
<18	0	0	0	0	0
18-21	29	44	43	41	39
22-24	13	16	21	13	7
25-28	12	10	11	9	8
29-35	2	1	1	8	10
>35	1	0	2	5	13
Unknown	0	0	0	0	0
Total	**57**	**71**	**78**	**76**	**77**
Average Age	23	21	22	21	22

Notes:

1. Contract Training and Apprenticeship graduates are not separated from the base budget figures in 1998/99, therefore 1998/99 is not shown.
2. The student information system at KCC was changed in 1998/99. The former system did not keep student information this format; therefore 1998/99 is not available.

2.2.4 Graduates by Aboriginal Status

Based on the data available in Table 2.2.4, (as Aboriginal status is self-declared), the data indicate the majority of Aboriginal students who graduated from each college between 1998/99 and 2002/03 were First Nations students. Additionally, over the same time period, there was an overall increase in the number of Aboriginal students who graduated from all three colleges. However, RRC was the only college to have the percentage of Aboriginal graduates decrease between 1998/99 and 2002/03, from 10.8% to 7.7%, although its raw numbers show an increase of 201 to 231 Aboriginal graduates.

Of the total graduates by college, approximately 7.5% to 12% of RRC graduates were Aboriginal, and 59% to 71% of KCC graduates were Aboriginal. Consistent with its enrollment trend, the percentage of Aboriginal graduates at ACC more than doubled over the five-year period.

Table 2.2.4 - Graduates by Aboriginal Status

College [1]	Academic Year 1998/99 – 2002/03				
	1998/99	1999/00	2000/01	2001/02	2002/03
Red River College					
First Nations	126	147	139	121	153
Metis	62	71	71	74	65
Inuit	0	1	0	1	0
Non-status	13	15	13	10	13
Total	**201**	**234**	**223**	**206**	**231**
% of Total Enrollment	10.8%	11.5%	10.7%	8.5%	7.7%
Assiniboine Community College[2]					
First Nations	-	41	92	79	120
Metis	-	28	36	50	11
Inuit	-	0	0	0	0
Non-Status	-	0	0	0	0
Total	**N/a**	**69**	**128**	**129**	**131**
% of Total Enrollment	-	11.5%	16.9%	18.6%	16.5%
Keewatin Community College[3]					
First Nations	-	104	66	133	170
Metis	-	31	27	18	23
Inuit	-	0	0	0	0
Non-Status	-	0	0	0	0
Total	**N/a**	**135**	**93**	**151**	**193**
% of Total Enrollment	-	59.5%	59.2%	70.2%	71.2%
École technique et professionnelle[4]					
First Nations	0	0	0	0	0
Metis	0	0	0	0	0
Inuit	0	0	0	0	0
Non-Status	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**
% of Total Enrollment	-	-	-	-	-

Notes:
1. Aboriginal status is self-declared.
2. Contract Training and Apprenticeship graduates are not separated from the base budget figures in 1998/99, therefore 1998/99 is not shown.
3. The student information system at KCC was changed in 1998/99. The former system did not keep student information this format; therefore 1998/99 is not available.
4. There are no self-declared Aboriginal students at ÉTP.

2.3 Enrollment by College and Program

The remaining sections in this chapter present more detailed data and analysis of enrollments and graduates by program at each college. Most of the data for Continuing Education, Market Driven Training and Contract Training Programs are included in an appendix to this publication. Enrollment for Distance Education is not included for RRC but is included for ACC and KCC as Distance Education data is considered to be part of base budget enrollment at ACC and is funded by the Council. Enrollment and graduates from ACCESS programs are included in these sections but are also reported in Chapter 4 in more detail.

Given that community colleges in Manitoba are expected to respond to labour market needs, programs are not always offered from one year to the next, leading to variance in annual enrollment. As noted in section 2.1.1, total enrollment at Manitoba's colleges increased by 3,471 students or 34.2% between 1998/99 and 2002/03.

- **Red River College**

Between 1998/99 and 2002/03, total enrollment increased at RRC by 2,256 students or 33.5%. On a year-over-year basis, there were increases in enrollment annually. The largest one-year increase of 9.7% (655 students) at RRC was between 1999/00 and 2000/01.

Over the five-year period, there were enrollment increases in all program divisions. Examples are Applied Sciences (560 students or a 41.1% increase), Apprenticeship (477 students or 35.3%), Developmental Education (391 students or 59.9%), and Industrial Technologies (175 students or 18.8%). The inclusion of the Stevenson Aviation & Aerospace Training Centre in 2001 also added to the increase in full time enrollment at RRC.

During this time period, there were also enrollment increases in a number of specific programs. Some examples are Aboriginal Self-Government Administration, Civil/CAD Technology, Automotive Technology, Business Administration, Nursing, Medical Laboratory Technology, Medical Radiological Technology, and Early Childhood Education. Enrollment also expanded in several Apprenticeship programs such as Refrigeration, and Truck / Bus Transportation, as well as in the Health Care Aide and Applied Counselling Skills programs in the regional campuses.

- **Assiniboine Community College**

Enrollment at ACC increased by 39.0% (868 students) between 1998/99 and 2002/03. Throughout this period enrollment at ACC increased every year, with the largest one-year increase in 2000/01 at 13.4% or 310 students.

There were several programs at Assiniboine Community College where enrollment increased over the five-year period, as depicted in Table 2.3. Specifically, some of these programs included Computer Technology, Early Childhood Education (by distance), Health Care Aide (Comprehensive), Licensed Practical Nursing, and the Mature Student High School programs. Enrollment also expanded in Apprenticeship programs such as Farm Equipment Mechanic and Pork Production.

- **Keewatin Community College**

At KCC, enrollment increased by 37.2% (362 students) over the five-year period, with the exception of a decrease of 9.2% (135 students) in 2002/03. The largest enrollment increase of 26.6% or 309 students took place between 2000/01 and 2001/02..

Table 2.3 shows that over time there were general enrollment increases due to expansion in programs such as General Studies, Computer Business Skills, Automotive Technology, and Nursing (Joint BN Program).

- **École technique et professionnelle**

ÉTP offers college programming in French. Enrollments at ÉTP are generally small, and thus small changes in the numbers of students in a program tend to have large percentage changes in enrollment.

As Table 2.3 illustrates, total enrollments at ÉTP increased steadily by 58.6% or 75 students between 1998/99 and 2002/03. Between 1998/99 and 1999/00, enrollment at ÉTP increased by 16.4% (21 students) partially due to the introduction of the Communication multimedia (Multimedia communications) program in 1999/00. Between 2000/01 to 2002/03, enrollments at ÉTP increased due to the introduction of the Tourisime (Tourism) and Science infirmières (Nursing) programs, as well as, general increases in most of the other programs at ÉTP.

Table 2.3 - Enrollment by College and Program

College by Program	Academic Year 1998/99 – 2002/03													
	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Red River College														
Aboriginal and Teacher Education														
Aboriginal Interpreter	20	0	35	0	22	0	0	0	0	0	0	0	0	0
Aboriginal Language Specialist	0	0	0	0	0	0	22	0	14	7	1	0	0	0
Aboriginal Self-Government Administration	0	0	0	0	0	0	18	0	14	19	1	0	0	0
Adult Grade 11	0	0	0	0	0	0	8	0	11	16	0	0	0	0
Business Skills Integrated	13	0	33	0	12	0	0	0	0	0	0	0	0	0
Business Teacher Education	34	0	30	0	41	0	42	0	25	7	0	0	0	0
College Preparation for Aboriginal Students	71	0	80	0	90	0	98	0	29	25	2	0	0	0
Community-Centered Therapy	0	20	0	0	0	50	0	50	0	0	0	30	15	2
Economic Resource Worker	10	0	0	0	16	0	0	0	0	0	0	0	0	0
Fundamentals of Entrepreneurship	0	0	8	0	0	0	0	0	0	0	0	0	0	0
Human Resources Support Worker	0	0	0	0	0	0	16	0	0	0	0	0	0	0
Industrial Arts - Teacher Education	14	0	6	0	9	0	3	0	0	0	0	0	0	0
Industrial Arts- Tech Teacher Education	16	0	24	0	34	0	38	0	0	43	1	0	0	0
Industrial Arts – Tech Teacher Education (ACCESS)	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Integrated Pre-trades Program (ACCESS)	0	0	0	0	0	0	0	0	1	5	0	0	0	0
Integrated Science & Technology (ACCESS)	0	0	0	0	0	0	10	0	1	6	1	0	0	0
Microcomputer Applications	21	0	21	0	20	0	20	0	11	6	1	0	0	0
Teacher Education (PLA)	60	0	13	0	0	0	0	0	0	0	0	0	0	0
Vocational Industrial - Teacher Education	16	0	15	0	28	0	20		4	14	2	0	0	0
Subtotal	**275**	**20**	**265**	**0**	**272**	**50**	**295**	**50**	**110**	**150**	**9**	**30**	**15**	**2**
Total	**295**		**265**		**322**		**345**		**316**					
Applied Sciences														
Advanced Network Technology	0	0	0	0	0	0	0	0	2	9	0	0	0	0
Animal Health Technology	43	0	47	0	51	0	40	0	45	1	0	0	0	0
Applied Biology	13	0	32	0	12	0	6	0	8	0	0	0	0	0
Applied Chemistry	11	0	7	0	16	0	8	0	0	4	0	0	0	0
Applied Environmental Studies	7	0	6	0	16	0	5	0	2	0	0	0	0	0
Applied Sciences	0	0	0	0	13	0	11	0	0	0	0	0	0	0
Chemical and Bio-sciences Technology	61	0	70	0	73	0	68	0	7	4	0	0	0	0

Table 2.3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Red River College														
Chemical and Bio-sciences Technology Co-Op	0	0	0	0	0	0	0	0	43	25	1	0	0	0
Child and Youth Care Worker	42	0	48	0	50	0	55	0	54	8	0	0	0	0
Child and Youth Care Worker (PLA)	0	0	0	0	1	0	3	0	4	1	0	0	0	0
Cisco Networking Academy - Instructor	0	0	0	0	21	0	7	0	0	0	0	0	0	0
Communication Engineering Technology	10	0	15	0	8	0	11	0	1	8	0	0	0	0
Computer Engineering Technology	93	0	84	0	56	0	53	0	4	29	0	0	0	0
Dental Assisting	50	0	53	0	51	0	50	0	53	0	0	0	0	0
Dental Assisting (PLA)	0	2	0	1	0	3	0	2	0	0	0	0	0	0
Developmental Services Worker	54	0	49	0	48	0	41	0	0	0	0	0	0	0
Developmental Services Worker (PLA)	0	5	0	3	0	2	0	2	0	0	0	0	0	0
Disability and Community Support	0	0	0	0	0	0	0	0	44	7	2	0	0	0
Disability and Community Support (PLA)	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Early Childhood Education	104	0	116	0	120	0	134	0	110	7	0	0	0	0
Early Childhood Education (PLA)	0	37	0	27	0	44	31	8	5	0	0	1	0	0
Early Childhood Education (Workplace)	0	0	0	0	27	0	26	0	46	1	0	0	0	0
Electrical Engineering Technology	28	0	33	0	43	0	51	0	3	50	0	0	0	0
Electronic & Network Technician	0	0	0	0	29	0	43	0	1	37	0	0	0	0
Electronic Engineering Technology	300	0	223	0	231	0	178	0	9	169	1	0	0	0
Electronic Engineering Technology (PLA)	0	0	0	0	0	0	0	0	0	16	0	0	0	0
Electronics Technician	37	0	28	0	0	0	0	0	0	0	0	0	0	0
Family Support Worker	0	0	0	0	21	0	24	0	19	1	2	0	0	0
Health Care Aide	35	0	21	0	165	0	156	0	109	36	4	0	0	0
Health Care Aide / Unit Clerk	25	0	25	0	25	0	25	0	22	3	1	0	0	0
Health Care Aide / Unit Clerk (PLA)	0	54	0	45	0	23	0	25	0	0	0	10	0	0
Instrumentation Engineering Technology	16	0	20	0	10	0	10	0	0	10	0	0	0	0
Med Rad Resident Physicians	9	0	6	0	6	0	6	0	2	4	0	0	0	0
Medical Radiologic Technology	38	0	28	0	45	0	45	0	37	10	0	0	0	0
Medical Radiological Assistant	0	0	0	0	9	0	5	0	0	0	0	0	0	0
MRI & Spectroscopy	16	0	18	0	18	0	13	0	9	4	0	0	0	0
Medical Laboratory Sciences	0	0	0	0	0	0	21	0	32	6	0	0	0	0

Table 2 3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Red River College														
Mental Health Support Worker	0	0	0	0	0	0	0	0	17	4	0	0	0	0
Metis Child, Family and Community	0	0	0	0	0	0	63	0	47	7	0	0	0	0
Nursing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursing (Joint Baccalaureate)	130	0	176	0	189	0	222	0	238	22	1	0	0	0
Nursing (Accelerated Diploma)	0	0	0	0	105	0	202	0	204	32	1	0	0	0
Nursing (Accelerated Diploma - PLA)	0	0	0	0	43	0	27	0	0	0	0	0	0	0
Nursing (Diploma)	7	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursing (PLA)	0	5	0	0	0	0	0	0	19	4	0	0	0	0
RN Refresher for Korean Nurses	0	0	0	0	0	0	17	0	29	0	0	0	0	0
Nursing (College Preparation)	38	0	44	0	43	0	41	0	33	11	1	0	0	0
Nursing Subtotal	**175**	**5**	**220**	**0**	**380**	**0**	**509**	**0**	**523**	**69**	**3**	**0**	**0**	**0**
Prior Learning Assessment Program	0	66	0	60	0	68	0	68	0	0	0	17	33	0
Radiation Therapy	8	0	8	0	18	0	14	0	12	0	3	0	0	0
Rehabilitation Assistant	0	19	0	16	0	20	0	17	0	0	0	17	3	2
Scientific Research Skills Program	0	0	14	0	0	0	0	0	9	7	5	0	0	0
Supervisory Skills	0	0	0	0	0	0	0	50	0	0	0	0	0	0
Subtotal	**1,175**	**188**	**1,171**	**152**	**1,563**	**160**	**1,712**	**172**	**1,281**	**537**	**22**	**45**	**36**	**2**
Total	**1,363**		**1,323**		**1,723**		**1,884**		**1,923**					
Business & Applied Arts														
Administrative Assistant	53	0	57	0	52	0	23	0	0	0	0	0	0	0
Advertising Art	111	0	105	0	101	0	108	0	0	0	0	0	0	0
Aviation Management	0	0	0	0	24	0	45	0	8	36	0	0	0	0
Business Accountancy Integrated	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Business Administration	753	0	750	0	764	0	759	0	378	421	2	0	0	0
Business Administration Co-Op	51	0	49	0	39	0	31	0	22	14	0	0	0	0
Business Administration Integrated	126	0	127	0	114	0	127	0	60	55	0	0	0	0
Commerce/Industry Sales & Marketing	72	0	67	0	69	0	74	0	27	45	0	0	0	0
Commercial Baking	14	0	8	0	0	0	0	0	0	0	0	0	0	0
Commercial Cooking	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Computer Accounting Technician	92	0	117	0	117	0	132	0	77	41	1	0	0	0
Computer Analyst/Programmer	249	0	336	0	316	0	264	0	44	222	2	0	0	0
Creative Communications	103	0	107	0	114	0	112	0	78	39	2	0	0	0
Culinary Arts	113	0	124	0	132	0	122	0	55	65	3	0	0	0

Table 2.3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Red River College														
Digital MultiMedia Technology	0	0	0	0	0	0	0	0	10	10	1	0	0	0
Entrepreneurship	24	0	26	0	0	0	0	0	0	0	0	0	0	0
Graphic Design	0	0	0	0	0	0	0	0	66	43	3	0	0	0
Health Information Technologist	29	0	22	0	22	0	14	0	30	0	0	0	0	0
Hotel and Restaurant Administration	0	0	0	0	91	0	67	0	36	21	0	0	0	0
Hotel and Restaurant Administration (PLA)	0	0	0	0	10	0	0	0	0	0	0	0	0	0
Information Systems Technology	72	0	121	0	132	0	125	0	15	112	3	0	0	0
International Business	21	0	15	0	26	0	21	0	8	3	0	0	0	0
Library and Information Technology	32	0	30	0	29	0	32	0	30	7	0	0	0	0
Professional Baking	0	0	0	0	0	0	10	0	5	1	1	0	0	0
Tourism	34	0	36	0	36	0	49	0	40	2	1	0	0	0
Subtotal	**1,952**	**0**	**2,097**	**0**	**2,188**	**0**	**2,115**	**0**	**989**	**1,137**	**19**	**0**	**0**	**0**
Total	**1,952**		**2,097**		**2,188**		**2,115**		**2,145**					
Developmental Education														
Academic for University/College Entry	0	0	27	0	77	0	92	0	59	61	1	0	0	0
Adult 10	70	0	61	0	49	0	62	0	23	31	3	0	0	0
Adult 11	93	0	49	0	39	0	55	0	14	27	7	0	0	0
Adult 12	51	0	45	0	68	0	77	0	70	32	5	0	0	0
Basic English as a Second Language	144	0	0	0	0	0	0	0	0	0	0	0	0	0
Bridge Program for College Entry	13	0	13	0	0	0	0	0	0	0	0	0	0	0
Canadian Communication for Physicians	0	0	0	0	0	0	0	22	0	0	0	6	17	0
English	77	0	88	0	104	0	170	0	119	53	2	0	0	0
General Studies	40	0	26	0	19	0	16	0	5	0	1	0	0	0
Intensive Eng. as a Second Language	153	0	280	0	290	0	318	0	293	139	20	0	0	0
Introduction to Business	0	0	0	0	0	0	0	0	23	17	4	0	0	0
Intro to Computer Accounting Tech	12	0	18	0	13	0	12	0	7	5	0	0	0	0
Introduction to Business	0	0	54	0	67	0	55	0	0	0	0	0	0	0
Pre-English for Nursing Refresher	0	0	0	0	0	0	33	0	0	0	0	0	0	0
Summer ESL for Korean Nurses	0	0	0	0	20	0	0	0	0	0	0	0	0	0
Subtotal	**653**	**0**	**661**	**0**	**746**	**0**	**890**	**22**	**613**	**365**	**43**	**6**	**17**	**0**
Total	**653**		**661**		**746**		**912**		**1,044**					

Table 2.3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Red River College														
Industrial Technologies														
Advanced Network Technology	0	0	0	0	0	0	8	0	0	0	0	0	0	0
Advanced Welding	22	0	21	0	30	0	33	0	0	0	0	0	0	0
Aerospace Manufacturing	0	0	0	0	31	0	27	0	0	0	0	0	0	0
Architectural CAD Technology	18	0	18	0	0	0	0	0	0	0	0	0	0	0
Asphalt Pavement Technician	0	0	113	0	0	0	0	0	0	0	0	0	0	0
Automotive Technician	57	0	59	0	79	0	83	0	7	75	2	0	0	0
Building Design CAD Technology	0	0	0	0	24	0	24	0	4	10	0	0	0	0
Carpentry and Woodworking	35	0	34	0	38	0	38	0	4	29	2	0	0	0
Civil Technician	38	0	2	0	2	0	2	0	0	0	0	0	0	0
Civil/CAD Technology	99	0	85	0	216	0	173	0	34	156	2	0	0	0
Collision Repair and Refinishing	17	0	22	0	35	0	37	0	1	32	3	0	0	0
Computer-Aided Drafting (CAD) Tech.	16	0	19	0	0	0	0	0	0	0	0	0	0	0
Design & Construction Technology	36	0	34	0	28	0	35	0	10	26	0	0	0	0
Electrical	26	0	50	0	46	0	47	0	1	43	4	0	0	0
Environmental Protection Technology	12	0	22	0	23	0	23	0	10	19	0	0	0	0
Geographic Info Systems Technology	19	0	19	0	15	0	14	0	7	15	0	0	0	0
Geomatics Technology	13	0	20	0	11	0	16	0	2	25	0	0	0	0
Greenspace Management	31	0	40	0	44	0	46	0	9	39	1	0	0	0
Heavy Duty Equipment Mechanic	50	0	47	0	48	0	39	0	1	45	1	0	0	0
Heavy Duty Equipment Technician	9	0	9	0	7	0	9	0	0	0	0	0	0	0
Machine CAD Technology	14	0	20	0	0	0	0	0	0	0	0	0	0	0
Manufacturing Design CAD Technology	0	0	0	0	9	0	4	0	0	4	0	0	0	0
Manufacturing Technician	63	0	59	0	60	0	53	0	1	57	0	0	0	0
Manufacturing Technician (PLA)	0	0	0	0	11	0	0	0			0	0	0	0
Mechanical Engineering Technology	81	0	99	0		0	0	0	6	97	2	0	0	0
Mechanical Engineering Technology Co-Op	0	0	0	0	98	0	92	0	0	0	0	0	0	0
Mechanical Systems CAD Technology	18	0	14	0	8	0	3	0	0	0	0	0	0	0
Municipal Technology	54	0	57	0	47	0	43	0	11	43	2	0	0	0
Outdoor Power Equipment Technician	0	0	0	0	0	0	0	0	1	18	0	0	0	0
Piping Trades	18	0	36	0	36	0	36	0	0	35	1	0	0	0
Plumbing Cross Connection Control	13	0	12	0	4	0	12	0	0	10	0	0	0	0

Table 2.3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Red River College														
Power Engineering	39	0	44	0	41	0	48	0	2	41	0	0	0	0
Power Equipment Technician	13	0	14	0	13	0	16	0	0	0	0	0	0	0
Precision Metal Manufacturing	0	0	0	0	0	0	0	0	0	7	2	0	0	0
Refrigeration and Air Conditioning	19	0	18	0	18	0	18	0	0	18	0	0	0	0
Structural CAD Technology	18	0	19	0	0	0	0	0	0		0	0	0	0
Structural Technology	43	0	39	0	29	0	37	0	8	42	0	0	0	0
Survey Certification Training	0	0	30	0	0	0	0	0	0	0	0	0	0	0
Technical Communication	0	0	0	0	0	0	0	0	6	8	0	0	0	0
Welding	17	0	35	0	31	0	35	0	2	32	1	0	0	0
Wood Products Manufacturing	23	0	34	0	26	0	21	0	5	25	0	0	0	0
Subtotal	**931**	**0**	**1,144**	**0**	**1,108**	**0**	**1,072**	**0**	**132**	**951**	**23**	**0**	**0**	**0**
Total	**931**		**1,144**		**1,108**		**1,072**				**1,106**			
Regional Campuses														
Accounting	9	0	6	0	0	0	0	0	0	0	0	0	0	0
Administrative Studies	0	0	0	0	0	0	0	0	8	1	0	0	0	0
Applied Counselling Skills	17	0	15	0	21	0	33	0	32	6	0	0	0	0
Assertiveness Bldg and Competency	0	0	0	0	0	0	9	0	0	0	0	0	0	0
Bookkeeping & Small Business	0	0	0	0	0	0	8	0	22	1	0	0	0	0
Business & Administrative Studies	10	0	10	0	15	0	40	0	12	1	0	0	0	0
Business Studies	0	0	0	0	0	0	0	0	3	0	0	0	0	0
Business, Accounting & Management	0	0	0	0	0	0	0	0	14	2	0	0	0	0
Carpentry	3	0	3	0	0	0	0	0	0	0	0	0	0	0
Health Care Aide	65	0	101	0	174	0	163	0	159	15	1	0	0	0
Office Technician Program	46	0	40	0	48	0	20	0	18	5	0	0	0	0
Para Educator	0	0	0	0	0	0	32	0	52	3	0	0	0	0
Police & Security Studies	0	0	12	0	0	0	0	0	0	0	0	0	0	0
Pre-Employment Training	0	0	0	0	0	0	0	0	17	62	1	0	0	0
Receptionist/Office Clerk	0	0	0	0	22	0	14	0	0	0	0	0	0	0
Subtotal	**150**	**0**	**187**	**0**	**280**	**0**	**319**	**0**	**337**	**96**	**2**	**0**	**0**	**0**
Total	**150**		**187**		**280**		**319**				**435**			

Table 2.3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Stevenson Aviation & Aerospace Training Centre														
Aerospace Manufacturing	0	0	0	0	0	0	0	0	2	20	3	0	0	0
Aircraft Maintenance Engineer	0	0	0	0	0	0	32	0	1	33	0	0	0	0
Aircraft Structural Repair Technician	0	0	0	0	0	0	15	0	1	16	1	0	0	0
Gas Turbine Repair and Overhaul	0	0	0	0	0	0	16	0	5	27	0	0	0	0
Introduction to Aircraft Maintenance	0	0	0	0	0	0	0	0	0	16	0	0	0	0
Non-Destructive Testing	0	0	0	0	0	0	12	0	0	12	0	0	0	0
Youth Internship	0	0	0	0	0	0	0	0	0	7	0	0	0	0
Vocational Education Co-Op	0	0	0	0	0	0	7	0	0	0	0	0	0	0
Subtotal	**0**	**0**	**0**	**0**	**0**	**0**	**82**	**0**	**9**	**131**	**4**	**0**	**0**	**0**
Total	**0**		**0**		**0**		**82**				**144**			
Student Services														
American Sign Language – English	19	0	14	0	9	0	10	0	9	2	0	0	0	0
Deaf Literacy Program	0	29	0	27	0	27	0	25	0	0	0	16	10	0
Deaf Studies	0	0	12	0	11	0	15	0	18	3	0	0	0	0
Subtotal	**19**	**29**	**26**	**27**	**20**	**27**	**25**	**25**	**27**	**5**	**0**	**16**	**10**	**0**
Total	**48**		**53**		**47**		**50**				**58**			
Apprenticeship														
Aircraft Maintenance Technician	0	0	0	0	0	0	31	0	6	138	5	0	0	0
Automotive Service Education	43	0	58	0	51	0	41	0	2	38	1	0	0	0
Auto Service Technician	207	0	203	0	185	0	196	0	2	177	18	0	0	0
Boilermaker	26	0	39	0	34	0	67	0	0	42	10	0	0	0
Boilermaker – Entry Level	23	0	17	0	21	0	17	0	0	19	0	0	0	0
Bricklaying	25	0	31	0	28	0	32	0	0	16	2	0	0	0
Cabinet Making	23	0	29	0	35	0	28	0	0	20	13	0	0	0
Carpenter	132	0	159	0	150	0	134	0	1	127	16	0	0	0
Carpenter for Aboriginal Students	0	0	0	0	10	0	29	0	1	39	3	0	0	0
Cook	32	0	29	0	31	0	46	0	6	22	9	0	0	0
Crane Operator	0	0	0	0	24	0	11	0	0	0	0	0	0	0
Electrical	236	0	361	0	415	0	451	0	5	324	27	0	0	0
Electrical for Aboriginal Students	0	0	0	0	9	0	0	0	0	0	0	0	0	0
Heavy Duty Mechanic	0	0	0	0	9	0	0	0	0	0	0	0	0	0
Interior Systems Mechanics	11	0	0	0	0	0	0	0	0	0	0	0	0	0
Ironworker	0	0	0	0	0	0	0	0	0	17	0	0	0	0

Table 2.3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Red River College														
Apprenticeship con't.														
Landscape Technician	33	0	34	0	23	0	15	0	4	8	2	0	0	0
Machinist	63	0	101	0	63	0	84	0	4	69	2	0	0	0
Motor Vehicle Body Repairer	68	0	62	0	68	0	64	0	0	62	11	0	0	0
Motor Vehicle Body (Paint)	10	0	7	0	10	0	9	0	0	7	1	0	0	0
Motor Vehicle Mechanic Asset	0	0	0	0	0	0	0	0	1	21	4	0	0	0
Painting & Decorating	15	0	16	0	25	0	21	0	0	9	3	0	0	0
Plumbing	174	0	229	0	211	0	215	0	0	143	8	0	0	0
Power Electrician	40	0	61	0	49	0	78	0	5	62	6	0	0	0
Refrigeration	51	0	84	0	86	0	107	0	0	90	3	0	0	0
Sheet Metal	47	0	50	0	57	0	42	0	0	37	4	0	0	0
Sprinkler/Fire Protection Installer	0	0	21	0	25	0	33	0	0	18	0	0	0	0
Steamfitting	43	0	26	0	28	0	22	0	0	25	0	0	0	0
Tool & Die Maker	20	0	7	0	22	0	13	0	0	14	0	0	0	0
Transport Trailer Mechanic	28	0	43	0	35	0	37	0	0	6	0	0	0	0
Transport Truck/Bus	0	0		0	27	0	45	0	0	79	13	0	0	0
Subtotal	**1,350**	**0**	**1,667**	**0**	**1,731**	**0**	**1,868**	**0**	**37**	**1,629**	**161**	**0**	**0**	**0**
Total	**1,350**		**1,667**		**1,731**		**1,868**				**1,827**			
Subtotal	**6,505**	**237**	**7,218**	**179**	**7,908**	**237**	**8,378**	**269**	**3,535**	**5,001**	**283**	**97**	**78**	**4**
Total Red River College	**6,742**		**7,397**		**8,145**		**8,647**				**8,998**			

Table 2.3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Assiniboine Community College														
Base Budget (Parklands Campus is now shown separately)														
Aboriginal Community Development	16	0	14	0	21	0	17	0	18	0	0	0	0	0
Agribusiness	110	0	102	0	104	0	81	0	24	41	0	0	0	0
Automotive Technology/Technician	37	0	34	0	25	0	35	0	3	31	0	0	0	0
Business Administration	365	0	323	0	417	0	297	0	185	134	1	0	0	0
Business Information Management	0	0	0	0	0	0	0	0	3	6	0	0	0	0
Carpentry and Woodworking	16	0	15	0	15	0	15	0	0	16	0	0	0	0
Child Care Centre Administration	0	0	7	0	5	0	0	3	1	0	0	0	0	0
Civil Technician	0	0	0	0	0	0	14	0	8	17	0	0	0	0
Community Social Development	17	0	23	0	24	0	25	0	17	8	1	0	0	0
Computer Technician	0	0	0	0	13	0	5	0	0	0	0	0	0	0
Computer Technology	0	0	0	0	41	0	47	0	3	48	1	0	0	0
Construction Electrician	0	0	0	0	15	0	14	0	0	16	0	0	0	0
Consumer Electronics	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Culinary Arts	0	0	0	0	0	0	22	0	14	12	0	0	0	0
Early Childhood Education	48	0	52	0	83	0	54	0	52	3	1	0	0	0
Early Childhood Program Management	0	0	0	0	0	0	0	25	0	0	0	40	1	0
Electronic Technician	24	0	29	0	0	0	0	0	0	0	0	0	0	0
Farm Machinery Technician	29	0	20	0	12	0	14	0	0	14	0	0	0	0
General Business (Rotating Sites)	0	0	13	0	17	0	16	0	8	4	0	0	0	0
Health Care Aide (Comprehensive)	70	0	41	0	48	47	53	38	85	5	1	28	1	0
Heavy Duty Technician	53	0	47	0	64	0	59	0		48	0	0	0	0
Hospitality Tourism	91	0	78	0	59	0	39	0	13	10	0	0	0	0
Industrial Metal Fabrication	17	0	15	0	19	0	17	0	1	16	0	0	0	0
John Deere Agricultural Technologist	25	0	14	0	5	0	4	0	0	15	0	0	0	0
Mature Student High School	85	0	142	0	234	0	256	0	192	124	4	0	0	0
Media Production	53	0	47	0	40	0	47	0	14	30	0	0	0	0
Nursing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Practical Nursing	78	0	224	0	353	0	344	0	310	47	0	0	0	0
Practical Nursing Refresher	0	0	0	0	0	50	0	56	0	0	0	49	2	0
Office Administration	172	0	122	0	92	0	94	0	99	1	0	0	0	0
Piping	15	0	13	0	15	0	15	0	0	16	0	0	0	0

Table 2.3 con't...	1998/99	1999/00	2000/01	2001/02	2002/03

	FT	PT	FT	PT	FT	PT	FT	PT	FT			PT		
									Fem	Male	Unknown	Fem	Male	Unknown
Assiniboine Community College														
Pork Production Manager	0	0	0	0	0	0	0	0	0	0	0	16	73	10
Precision Agriculture	0	0	0	0	0	0	0	0	1	10	0	0	0	0
Professional Cooking	9	0	15	0	12	0	2	0	1	0	0	0	0	0
Regular High School	0	0	0	0	0	0	0	0	10	6	0	0	0	0
Rural Development	21	0	31	0	23	0	15	0	4	4	0	0	0	0
Swine Care Worker	21	0	12	0	0	0	0	0	0	0	0	0	0	0
Swine Technician	7	0	4	0	1	0	0	0	0	0	0	0	0	0
Web Design	0	0	0	0	0	0	18		14	22	0	0	0	0
Subtotal	**1,379**	**0**	**1,437**	**0**	**1,758**	**97**	**1,619**	**122**	**1,080**	**704**	**9**	**133**	**77**	**10**
Total	**1,379**		**1,437**		**1,855**		**1,741**				**2,013**			
Parklands Campus														
Automotive Technician	0	0	0	0	6	0	0	0	1	7	0	0	0	0
Business Administration	54	0	46	0	49	0	33	0	24	19	0	0	0	0
College Preparation	15	0	11	0	16	0	0	0	0	0	0	0	0	0
Early Childhood Education - Aboriginal	0	0	22	0	17	0	22	0	24	0	0	0	0	0
Extended Early Childhood Education	0	0	0	0	0	0	0	0	12	2	0	0	0	0
Extended Office-Business	0	0	0	0	0	0	18	0	6	3	0	0	0	0
Extended Motive Trades	0	0	0	0	0	0	8	0	0	0	0	0	0	0
Health Care Aide (Comprehensive)	20	0	23	0	15	0	21	0	17	3	0	0	0	0
Integrated Motive Power Trades	0	0	15	0	14	0	0	0	0	0	0	0	0	0
Mature Student High School	0	0	0	0	0	0	0	0	16	5	0	0	0	0
Office Administration	16	0	13	0	18	0	11	0	0	0	0	0	0	0
Subtotal	**105**	**0**	**130**	**0**	**135**	**0**	**113**	**0**	**100**	**39**	**0**	**0**	**0**	**0**
Total	**105**		**130**		**135**		**113**				**139**			
Distance Education														
Agricultural Studies	0	0	0	0	0	16	0	32	0	0	0	8	22	0
Business Administration	0	0	0	0	0	0	0	147	0	0	0	116	30	0
Health Care Aide (Comprehensive)	0	0	0	0	0	0	0	83	0	0	0	70	9	0
Early Childhood Education	0	0	0	0	0	0	0	97	0	0	0	103	1	1
General Business	0	198	0	242	0	81	0	33	0	0	0	14	3	0
Swine Technician	0	72	0	60	0	36	0	27	0	0	0	1	0	0
Subtotal	**0**	**270**	**0**	**302**	**0**	**133**	**0**	**419**	**0**	**0**	**0**	**312**	**65**	**1**
Total	**270**		**302**		**133**		**419**				**378**			

Table 2.3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Apprenticeship														
Carpenter	35	0	42	0	50	0	49	0	0	43	0	0	0	0
Construction Electrician	49	0	39	0	65	0	50	0	0	54	0	0	0	0
Farm Equipment Mechanic	49	0	63	0	58	0	48	0	0	73	0	0	0	0
Heavy Duty Equipment Mechanic	159	0	155	0	142	0	108	0	0	112	1	0	0	0
Lather	0	0	0	0	0	0	0	0	0	10	0	0	0	0
Motor Vehicle Mechanic	42	0	31	0	33	0	40	0	1	40	0	0	0	0
Plumbing	0	0	0	0	0	0	0	0	0	43	0	0	0	0
Pork Production	0	0	0	0	35	0	46	0	22	33	0	0	0	0
Transport Truck Mechanic	138	0	123	0	126	0	109	0	1	54	0	0	0	0
Subtotal	**472**	**0**	**453**	**0**	**509**	**0**	**450**	**0**	**24**	**462**	**1**	**0**	**0**	**0**
Total	**472**		**453**		**509**		**450**		**487**					
Undeclared Program	-	-	-	-	-	-	-	27	0	0	0	40	37	0
Subtotal	**1,956**	**270**	**2,020**	**302**	**2,402**	**230**	**2,182**	**568**	**1,204**	**1,205**	**10**	**485**	**179**	**11**
Total Assiniboine Community College	**2,226**		**2,322**		**2,632**		**2,750**		**3,094**					

Table 2.3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Keewatin Community College														
Core Programs														
Administrative Assistant	21	2	22	2	19	0	16	1	12	0	0	3	0	0
Advanced Computer Application Skills	10	1	0	0	0	0	0	0	0	0	0	0	0	0
Automotive Technician	0	0	0	0	7		9	45	2	19	0	9	30	0
Band & Northern Community Administration	17	0	0	1	0	0	0	0	0	0	0	0	0	0
Basic Electrical	10	0	7	0	7	0	7	1	1	12	0		1	0
Business Accountancy	5	0	1	1		2	1	2	0	0	0	0	0	0
Business Administration	103	0	102	12	90	6	60	20	40	16	0	16	5	0
Building Sustainable Workforces	0	0	0	0	0	0	0	28	0	0	0	0	0	0
Carpentry Woodwork	10	0	15	0	7	1	0	0	0	0	0	0	0	0
Chemical Engineering Technology	15	0	14	0	10	0	3	1	2	4	0	0	3	0
Civil/CAD Technology Co-op	0	0	0	0	0	0	0	0	2	7	0	0	0	0
College Preparation	163	1	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Cooking	8	0	16	1	13		12	8	3	3	0	2	2	0
Computer Business Applications	20	0	22	1	14	3	43	14	18	3	0	11	2	0
Computer Business Skills	15	0	29	4	40	0	28	10	24	1	0	3	1	0
Computer Program/ Analyst	56	1	41	1	32	2	29	2	7	12	0	1	1	0
Computer Systems Technology	33	0	21	2	23	0	11	2	2	6	0	1	5	0
Dental Assisting	15	11	14	1	12	1	16	0	17	0	0	3	0	0
Early Childhood Education	23	0	29	3	14	3	22	12	18	0	0	5	0	0
Early Childhood Education Assistant	0	0	0	0	0	0	9	1	0	0	0	0	0	0
Electronic/Electrical Technician	6	5	12	0	5	1	0	0	2	11	0	0	1	0
Eco Tourism	6	0	2	0	0	0	1	37	1	1	0	1	0	0
Facilities Technician	27	0	17	2	18	1	44	2	1	47	0	0	2	0
General Studies	0	0	155	31	262	84	256	151	143	71	0	72	36	0
Health Care Aide	0	0	26	0	25	0	14	0	20	1	0	13	0	0
Health Education (ACCESS)	0	0	0	0	0	0	17	6	7	1	0	3	2	0
Heavy Duty Mechanics	18	1	9	0	5	0	3	4	0	12	0	0	0	0
High School Building Construction	16	0	3	0	1	0	0	7	0	0	0	0	0	0
High School Power Mechanics	19	0	28	0	4	0	0	0	1	17	0	0	0	0
Industrial Mechanics/Millwright	0	0	5	0	4	0	0	0	0	0	0	0	0	0
Industrial Welding	16	0	11	1	16	1	0	0	0	6	0	0	0	0
Law Enforcement	0	0	0	0	0	0	14	0	4	5	0	0	0	0

Table 2.3 con't..	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
Keewatin Community College														
Law Enforcement Career Preparation	13	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Resource Mgmt. Technology	54	2	63	4	67	2	56	8	8	32	0	1	3	0
Nursing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursing (Diploma)	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Nursing (Joint Bachelor)	11	4	40	18	59	18	61	36	65	4		61	9	0
Preparation for Nursing	21	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursing Subtotal	**32**	**8**	**40**	**18**	**59**	**18**	**61**	**36**	**65**	**4**	**0**	**61**	**9**	**0**
Recreation Community Leadership Program [1]	17	2	3	3	0	0	0	0	0	0	0	0	0	0
Recreation Leadership	0	0	0	0	0	0	16	13	6	5	0	10	23	0
Restorative Justice Program	0	0	0	0	0	0	0	0	9	1	0	0	1	0
Transition Year Program	0	0	91	7	36	14	15	47	10	9	0	35	13	0
Subtotal	**748**	**34**	**798**	**95**	**790**	**139**	**763**	**458**	**425**	**306**	**0**	**250**	**140**	**0**
Total	**782**		**893**		**929**		**1,221**				**1,121**			
Apprenticeship														
Carpentry	38	0	18	0	38	0	21	0	0	14	1	0	0	0
Ironworker	0	0	14	0	15	0	13	0	0	0	0	0	0	0
Industrial Electrical	22	0	19	0	17	0	22	0	0	22	0	0	0	0
Industrial Mechanic	104	0	117	0	117	0	121	0	2	107	0	0	0	0
Industrial Welding	26	0	33	0	44	0	48	0	3	35	0	0	0	0
Subtotal	**190**	**0**	**201**	**0**	**231**	**0**	**225**	**0**	**5**	**178**	**1**	**0**	**0**	**0**
Total	**190**		**201**		**231**		**225**				**184**			
Distance Education														
Business Administration (General)	-	-	-	-	-	-	2	21	0	0	0	22	7	0
Subtotal	**938**	**34**	**999**	**95**	**1,021**	**139**	**990**	**479**	**430**	**484**	**1**	**272**	**147**	**0**
Total Keewatin Community College	**972**		**1,094**		**1,160**		**1,469**				**1,334**			

Notes:
1. Changed to a two-year program in 1999/00.

Table 2.3 con't...	1998/99		1999/00		2000/01		2001/02		2002/03					
									FT			PT		
	FT	PT	FT	PT	FT	PT	FT	PT	Fem	Male	Unknown	Fem	Male	Unknown
École technique et professionnelle														
Administration des affaires (Business Administration)	48	5	53	3	48	2	49	0	12	36	0	0	0	0
Gestion de bureau (Office Management)	7	2	7	0	10	1	9	0	13	0	0	0	0	0
Éducation en services de garde (Early Childhood Education)	10	3	14	1	12	0	9	0	0	0	0	9	2	0
Aide en soins de santé (Health Care Aide)	8	13	7	16	12	19	2	21	0	7	0	20	0	0
Informatique (Computer Analyst)	32		27	1	31	1	29	0	2	17	0	0	0	0
Communication multimédia (Multimedia communications)	0	0	20	0	34	0	31	0	13	16	0	0	0	0
Tourisme (Tourism)	0	0	0	0	5	0	12	0	8	2	0	0	0	0
Science infirmières (Nursing)	0	0	0	0	0	0	22	0	32	13	0	1	0	0
Subtota	**105**	**23**	**128**	**21**	**152**	**23**	**163**	**21**	**80**	**91**	**0**	**30**	**2**	**0**
Total École technique et professionnelle	**128**		**149**		**175**		**184**		**203**					

2.4 Graduates by College and Program

Corresponding to enrollment, the number of college graduates each year depends on when programs are offered, student demand, and labour market need. As noted in section 2.2.1, the total number of college graduates increased by 53.3% (1,447 graduates) between 1998/99 and 2002/03. The largest one-year increase in graduates occurred in 2002/03, at 758 graduates or 22.3%.

During the five-year time frame covered by this report, Government established two initiatives aimed at expanding college enrollment and participation – the Colleges Growth Fund in 1999/00 and the College Expansion Initiative (CEI) from 2000/01 to 2002/03.

- **Red River College**

Between 1998/99 and 2002/03, the number of graduates from RRC increased by 61.7% (1,150). This was due in part, to expansions in programming through government initiatives, and the addition of Stevenson Aviation & Aerospace Training Centre.

Table 2.4 shows that some of the programs at RRC had large increases in graduates over this time period. The programs include the Aboriginal Business Skills, Business Teacher Education, Child and Youth Care Worker, Early Child Education, Health Care Aide, and Business Administration.

- **Assiniboine Community College**

Although there were fluctuations on a year-to-year basis, the number of ACC graduates increased by 48.1% (258) between 1998/99 and 2002/03. Between 1998/99 and 2000/01, there was an increase of 41.6% (223). This was followed by a decrease of 67 graduates (8.8%) in the next year. Between 2001/02 and 2002/03, the number of graduates increased by 14.7% or 102 graduates.

Some of the programs with an increase in the number of graduates, as found in Table 2.4, are the Health Care Aide (Comprehensive) program, and Licenced Practical Nursing program.

- **Keewatin Community College**

Overall, the number of KCC graduates increased by 7.5% (19). Between 1998/99 and 2000/01 the number of graduates declined by 37.7% (95). Between 2000/01 and 2002/03 there was an increase in of 72.6% or 114 graduates, which more than compensated for the decreases up to 2000/01.

As Table 2.4 presents, the following programs had increases in the number of graduates, Automotive Technician, Basic Electrical, Computer and Business Applications, Dental Assisting, Early Childhood Education, Early Childhood Education Assistant, and Facilities Technician. The Health Care Aide program at KCC saw an increase of 17 graduates or 130.8% from 1999/00 to 2002/03.

- **École technique et professionnelle**

Between 1998/99 and 2002/03, the total number of graduates from ÉTP increased by 35.1% (20). On a year-over-year basis the number of graduates increased or remained stable (Table 2.4). Between 1998/99 and 2000/01 the number of graduates increased by 36.8% (21), however, after 2000/01 graduates from ÉTP remained stable.

The years 2000/01 and 2001/02 saw the first graduates from the Communication multimedia (Multimedia communication) and Tourisime (Tourism) programs. Normally an increase in the number of graduates would be expected with the addition of new programs, however, during this time frame the Health Care Aide program (Aide en soins de santé) had a large decrease in the number of graduates after 2000/01. Combining this decrease, with the decrease in Early Childhood Education graduates (Éducation en services de garde), the number of ETP graduates remained stable between 2000/01 to 2002/03.

Table 2.4 - Graduates by College and Program

College by Program	1998/99	1999/00	2000/01	2001/02	2002/03		
					Fem	Male	Unknown
Red River College							
Aboriginal and Teacher Education							
Aboriginal Interpreter	18	15	10	9	6	4	0
Aboriginal Self-Government Administration	0	0	0	0	7	5	0
Adult Grade 11	0	0	0	0	2	3	0
Business Skills Integrated	6	6	10	9	11	0	0
Business Teacher Education	10	9	14	11	11	6	0
College Preparation	38	47	24	31	7	6	0
Community Centered Therapy	0	13	20	0	37	10	0
Dental Assisting	0	0	0	0	1	0	0
Economic Resource Worker	9	0	16	0	0	0	0
Fundamentals of Entrepreneurship	0	8	0	0	0	0	0
Human Resource Support Worker	0	0	0	15	0	0	0
Industrial Arts - Teacher Education	9	1	7	7	0	1	0
Industrial Arts/Technology Teacher Ed.	3	1	3	0	1	8	0
Integrated Pre Trades Program (ACCESS)	0	0	0	0	1	3	0
Microcomputer Applications	15	17	11	9	7	1	0
Vocational Industrial Teacher Education	13	10	21	21	4	7	0
Subtotal	-	-	-	-	**95**	**54**	**0**
Total	**121**	**127**	**136**	**112**		**149**	
Applied Sciences							
Animal Health Technology	16	20	24	14	20	0	0
Applied Chemistry	1	0	0	0	0	0	0
Applied Sciences	0	0	0	4	0	0	0
Biomedical Engineering Technology	1	0	0	0	0	0	0
Chemical and Bio-sciences Technology	30	24	23	29	22	7	0
Child and Youth Care Worker	13	23	19	17	19	1	0
Communication Engineering Technology	7	11	6	9	0	5	0
Computer Engineering Technology	35	42	29	28	2	17	0
Dental Assisting – All Levels	48	42	46	44	39	0	0
Developmental Services Worker	24	23	27	17	1	1	0
Disability and Community Support	0	0	0	0	7	1	0
Early Childhood Education	38	34	43	37	48	4	0
Early Childhood Education (Work place)	0	0	0	0	20		0
Electrical Engineering Technology	7	22	21	24	3	28	0
Electronic & Network Technician	0	0	11	16	0	20	0
Electronic Engineering Technology	25	17	21	22	1	9	0
Electronics Technician	9	18	0	1	0	0	0
Family Support Worker	0	0	0	19	17	3	1
Health Care Aide	42	31	65	114	101	29	1
Health Care Aide/Unit Clerk	17	18	0	21	18	2	1
Health Care Aide/Unit Clerk (PLA)	0	0	0	0	1		0
Health Unit Clerk	16	0	0	0	0	0	0
Home Care Attendant	3	1	0	0	0	0	0
Instrumentation Engineering Technology	12	11	7	9	0	8	0
Medical Radiological Resident Physicians	9	6	6	6	0	0	0
Medical Radiologic Technology	0	17	14	22	15	5	0

Table 2.4 con't...	1998/99	1999/00	2000/01	2001/02	2002/03		
					Fem	Male	Unknown
Red River College							
Medical Radiological Assistant	0	0	8	5	0	0	0
MRI & Spectroscopy	7	14	11	7	5	0	0
Nursing							
College Preparation for Nursing	25	22	26	28	16	6	1
Nursing (Accelerated Diploma)	0	0	0	0	70	6	0
Nursing (Diploma)	10	0	0	0	0	0	0
RN Refresher for Korean Nurses	0	0	0	0	26	0	0
Nursing Subtotal	**35**	**22**	**26**	**28**	**112**	**12**	**1**
Radiation Therapy	6	8	18	14	12	0	3
Scientific Research Skills Program	0	0	14	20	9	7	5
Subtotal	-	-	-	-	**472**	**159**	**12**
Total	**401**	**404**	**439**	**527**		**643**	
Business & Applied Arts							
Administrative Assistant	20	15	11	21	1	0	0
Advertising Art	39	35	39	48	34	17	0
Aviation Management	0	0	0	0	2	9	0
Basic Business	3	2	1	5	0	0	0
Basic Salesmanship	3	2	4	2	0	0	0
Business Accountancy Integrated	7	0	0	0	0	0	0
Business Accountancy	1	1	0	0	0	0	0
Business Administration	218	210	219	206	116	104	0
Business Administration Co-op	15	12	19	6	2	3	0
Business Administration Integrated	0	1	0	0	0	0	0
Certificate in Adult Education	0	0	1	0	0	0	0
Chef Training	2	0	0	0	0	0	0
Client Server Programmer	0	0	0	1	0	0	0
Commerce/Industry Sales & Marketing	40	49	43	32	11	18	0
Commercial Baking	9	11	6	0	4	3	0
Commercial Cooking	1	1	0	0	0	0	0
Computer Accounting Technician	41	53	61	50	32	21	1
Computer Analyst/Programmer	84	70	88	97	16	76	1
Creative Communications	44	43	48	52	34	7	0
Culinary Arts	24	27	40	46	26	23	0
Entrepreneurship	11	12	0	0	0	0	0
Graphic Arts	0	0	0	4	0	0	0
Health Information Technologist	0	20	0	13	0	0	0
Hotel and Restaurant Administration	24	25	21	22	13	2	0
Information Systems Technology	0	0	36	46	6	43	0
International Business	14	13	6	15	4	3	0
Library and Information Technology	24	3	19	0	20	5	0
Microcomputer Bus. Network Analyst	0	0	0	1	0	0	0
Tourism	16	21	15	2	16	3	0
Subtotal	-	-	-	-	**337**	**337**	**2**
Total	**640**	**626**	**677**	**669**		**676**	

Table 2.4 con't...	1998/99	1999/00	2000/01	2001/02	2002/03		
					Fem	Male	Unknown
Red River College							
Developmental Education							
Academic for University /College Entry	0	12	23	91	56	49	1
Adult 10	29	28	18	33	11	9	1
Adult 11	31	13	18	16	5	12	2
Adult 12	12	10	16	17	13	8	0
Basic English as a Second Language	103	0	0	0	0	0	0
Bridge Program for College Entry	6	1	0	0	0	0	0
Canadian Communication for Physicians	0	0	0	0	6	13	0
English for Academic Purposes	12	25	16	14	27	4	2
English for Business Communications	0	0	0	0	12	3	0
English for Business Purposes	0	26	0	0	0	0	0
English for Commercial Drivers	0	10	4	0	0	0	0
English for Communication	12	0	0	0	0	0	0
English for Health Care Aides	0	0	0	14	53	6	0
English for Technical Studies	0	0	12	8	4	30	0
ESL Nursing Refresher	0	0	0	17	0	0	0
Intensive ESL – All Levels	0	181	97	125	224	88	13
Introduction to Computer Accounting Tech.	9	14	7	11	7	4	0
Introduction to Business	0	27	37	30	14	11	1
Pre-English for Nursing	0	0	0	0	32	0	0
Summer ESL for Korean Nurses	0	0	0	15	0	0	0
Subtotal	-	-	-	-	**464**	**237**	**20**
Total	**214**	**347**	**248**	**391**		**721**	
Industrial Technologies							
Advanced Network Technology	0	0	0	0	2	2	0
Advanced Welding	5	0	0	5	0	0	0
Aerospace Manufacturing	0	0	0	25	0	0	0
Architectural CAD Technology	17	18	0	0	1	0	0
Automotive Technician	44	32	41	40	2	53	2
Building Design CAD Technology	0	0	12	12	3	7	0
Carpentry & Woodworking	22	16	23	20	0	23	2
Civil Technician/Technology	3	2	1	1	0	0	0
CNC Machine Operator	12	7	2	0	0	2	0
Collision Refinishing	0	0	4	5	0	4	0
Collision Repair and Refinishing	12	17	20	24	0	13	1
Design & Construction Technology	15	6	11	14	5	9	0
Electrical	9	19	35	32	0	28	1
Entry Level Manufacturing	0	0	0	11	0	0	0
Environmental Protection Technology	0	7	7	9	2	6	0
GIS Technology	13	16	9	10	4	9	0
Geomatics Technology	3	8	5	2		12	0
Greenspace Management	0	9	11	8	2	9	0
Heavy Duty Equipment Mechanic	34	26	30	21	1	29	1
Heavy Duty Equipment Technician	3	4	4	8	0	1	0
Machine CAD Technology	12	16	0	0	0	0	0
Machine Shop Practice	28	5	3	5	0	2	0
Manufacturing Design CAD Technology	0	0	5	4	0	2	0

Table 2.4 con't...	1998/99	1999/00	2000/01	2001/02	2002/03		
					Fem	Male	Unknown
Red River College							
Industrial Technologies							
Manufacturing Technician	7	0	13	9	0	7	0
Mechanical Engineering Technology	13	22	0	6	1	7	0
Mechanical Engineering Technology Co-op	0	0	5	0	0	12	0
Mechanical Systems CAD Technology	18	8	3	1	0	0	0
Municipal Technology	17	27	20	20	5	10	0
Piping Trades	15	10	29	22	0	24	0
Plumbing Cross Connection Control	12	11	4	12	0	10	0
Power Engineer - All Classes	29	35	27	40	2	32	0
Power Equipment Technician	10	13	7	14	1	14	0
Precision Metal Fabrication	0	0	0	0	0	2	1
Refrigeration and Air Conditioning	13	12	16	10	0	12	0
Structural CAD Technology	15	17	0	0	0	0	0
Structural Technology	11	17	11	8	4	16	0
Survey Technology	0	0	1	0	0	0	0
Welding	16	29	24	23	1	23	0
Wood Products Manufacturing	4	9	6	7	1	4	0
Subtotal	-	-	-	-	**37**	**384**	**8**
Total	**412**	**418**	**389**	**428**		**429**	
Regional Centers							
Applied Counselling Skills	6	18	9	25	27	5	0
Assertiveness and Competency Skills	0	0	0	9	0	0	0
Book keeping and Small Business	0	0	0	4	11	0	0
Business & Administration Studies	0	6	8	16	11	2	0
Business Accounting & Management	2	0	0	0	9	0	0
Carpentry	3	0	0	0	0	0	0
Accounting	6	5	0	0	0	0	0
Health Care Aide	31	52	129	130	102	5	1
Office Technician Program	28	21	19	17	13	2	0
Para Educator	0	0	0	28	49	1	0
Police & Security Studies	0	6	0	0	0	0	0
Pre Employment Training	0	0	0	0	9	26	0
Receptionist/Office Clerk	0	0	18	4	0	0	0
Subtotal	-	-	-	-	**231**	**41**	**1**
Total	**76**	**108**	**183**	**233**		**273**	
Stevenson Aviation Centre							
Aerospace Manufacturing	0	0	0	15	2	15	3
Aircraft Maintenance Engineer	0	0	0	0	0	30	2
Aircraft Structural Repair Technician	0	0	0	0	0	15	1
Gas Turbine Overhaul	0	0	0	13	1	12	0
Introduction to Aircraft Maintenance	0	0	0	0	0	16	0
Non-Destructive Testing	0	0	0	11	0	11	0
Subtotal	-	-	-	-	**3**	**99**	**6**
Total	**0**	**0**	**0**	**39**		**108**	

Table 2.4 con't...	1998/99	1999/00	2000/01	2001/02	2002/03		
					Fem	Male	Unknown
Red River College							
Student Services							
American Sign Language - English	1	11	2	0	3	1	0
Deaf Studies	0	1	12	4	10	1	0
Subtotal	-	-	-	-	**13**	**2**	**0**
Total	**1**	**12**	**14**	**4**	**15**		
Distance Education							
Dental Assisting	-	-	-	-	**1**	**0**	**0**
Subtotal	-	-	-	-	**1,653**	**1,313**	**49**
Total Red River College	**1,865**	**2,042**	**2,086**	**2,403**	**3,015**		

Table 2.4 con't...	1998/99	1999/00	2000/01	2001/02	2002/03		
					Fem	Male	Unknown
Assiniboine Community College							
Base Budget							
Aboriginal Community Development	12	11	14	11	14	0	0
Agribusiness	45	42	45	35	11	21	0
Automotive Technician	8	13	9	12	0	7	0
Business Administration	88	77	86	57	29	56	0
Carpentry and Woodworking	9	12	11	10	0	9	0
Child Care Centre Administration	0	4	1	1	1	0	0
Civil Technician	0	0	0	0	1	1	0
Community Social Development Worker	13	19	18	16	10	6	0
Computer Systems Technician	0	0	6	2	0	2	0
Computer Systems Technology	0	0	8	15	0	14	0
Construction Electrician	0	0	13	12	0	14	0
Culinary Arts	0	0	0	7	8	1	0
Early Childhood Education	16	20	19	17	16	1	0
Early Childhood Program Management	0	0	0	0	3	0	0
Electronic Technician	16	16	0	0	0	0	0
Farm Machinery Mechanic	0	0	0	0	0	0	0
Farm Equipment Technician	7	9	2	3	0	14	0
General Business (All locations)	8	12	17	18	13	5	0
Health Care Aide (Comprehensive)	20	55	59	51	111	7	0
Heavy Duty Equipment Technician	14	14	28	23	0	12	0
Hospitality/Tourism Administration	20	14	17	11	2	1	0
Industrial Metals Fabrication	10	18	16	14	0	0	0
John Deere Agricultural Technology	11	14	0	4	0	0	0
Mature Student High School	35	44	52	90	54	29	0
Media Production	19	17	11	17	5	12	0
Nursing (LPN)	46	60	154	142	129	16	0
Nursing Refresher (LPN)	0	0	12	16	13	1	0
Office Administration (All locations)	65	43	61	39	31	0	0
Piping Trades	14	10	10	13	0	11	0
Professional Cooking	7	11	7	2	1	0	0
Rural Development	3	14	12	2	2	2	0
Swine Technician	0	7	3	4	0	0	0
Truck/Transport/Bus Technician	0	1	0	1	0	1	0
Web Design	0	0	0	0	3	10	0
Subtotal	-	-	-	-	**458**	**268**	**0**
Total	**486**	**557**	**691**	**645**		**726**	
Regional Centers - Parkland Campus							
Automotive Technician	0	0	0	0	1	6	0
Business Administration	17	12	18	9	9	3	0
College Preparation	0	0	8	0	0	0	0
Early Childhood Education	0	0	14	0	16	0	0
General Business	3	3	0	0	2	2	0

Table 2.4 con't...	1998/99	1999/00	2000/01	2001/02	2002/03		
					Fem	Male	Unknown
Assiniboine Community College							
Health Care Aide (Comprehensive)	19	16	12	18	15	3	0
Integrated Motive Power Trades	0	0	9	0	0	0	0
Mature Student High School	0	0	0	13	9	2	0
Office Administration	11	12	7	7	0	0	0
Subtotal	-	-	-	-	**52**	**16**	**0**
Total	**50**	**43**	**68**	**47**	**68**		
Subtotal	-	-	-	-	**510**	**284**	**0**
Total Assiniboine Community College	**536**	**600**	**759**	**692**	**794**		

Table 2.4 con't...	1998/99	1999/00	2000/01	2001/02	2002/03		
					Fem	Male	Unknown
Keewatin Community College							
Administrative Assistant	4	2	5	3	4	0	0
Advanced Computer Application Skills	7	0	0	0	0	0	0
Automotive Technician	0	0	3	3	1	13	0
Band & Northern Comm Administration	5	0	0	0	0	0	0
Basic Electrical	8	5	7	7	1	11	0
Building a Sustainable Workforce	0	0	0	20	0	0	0
Business Accountancy	4	0	0	3	0	0	0
Business Administration	31	20	9	16	14	2	0
Carpentry Woodwork	6	7	1	0	0	0	0
Chemical Engineering Technology	2	4	5	1	0	0	0
Civil/CAD Technology Co-op	0	0	0	0	0	3	0
College Preparation	70	0	0	0	0	0	0
Commercial Cooking	7	6	5	0	0	0	0
Computer Business Applications	9	15	9	12	19	1	0
Computer Business Skills	8	12	18	14	11	0	0
Computer Office Skills	2	0	0	0	0	0	0
Computer Program/ Analyst	17	13	11	6	2	4	0
Computer Systems Technology	7	3	3	2	0	2	0
Commercial Cooking	0	0	0	11	2	2	0
Dental Assisting	8	10	10	11	16	0	0
Early Childhood Education	0	9	4	3	13	0	0
Early Childhood Education Assistant	0	0	0	0	6	0	0
Eco tourism	0	1	0	0	1	0	0
Electronic/Electrical Technician	4	1	0	0	0	0	0
Facilities Technician	13	6	13	19	1	24	0
First Nations National Resources Mgmt	6	0	0	0	0	0	0
General Studies	0	58	26	40	41	10	0
Health Care Aide	0	13	0	12	29	1	0
Heavy Duty Mechanics	5	6	1	4	0	6	0
Industrial Mechanist / Millwright	0	3	2	0	0	0	0
Industrial Welding	4	7	9	0	0	4	0
Law Enforcement Career Prep	2	0	0	5	3	3	0
Natural Resource Management Technician	15	23	13	21	4	15	0
Nursing	0	0	0	2	0	0	0
Recreation Community Leader	3	3	0	0	2	0	0
Transition Year Program	5	0	3	0	0	0	0
Subtotal	-	-	-	-	**170**	**101**	**0**
Total Keewatin Community College	**252**	**227**	**157**	**215**		**271**	

Table 2.4 con't...	1998/99	1999/00	2000/01	2001/02	2002/03		
					Fem	Male	Unknown
École technique et professionnelle							
Adminstration des affaires (Business Administration)	27	22	19	22	5	12	0
Gestion de bureau (Office Management)	2	2	2	5	4	0	0
Éducation en services de garde (Early Childhood Education)	7	4	7	6	0	0	0
Aide en soins de santé (Health Care Aide)	16	37	33	15	17	5	0
Informatique (Computer Analyst)	5	6	6	11	1	10	0
Communication multimédia (Multimedia Communication)	0	0	11	12	6	11	0
Tourisime (Tourisim)	0	0	0	5	6	0	0
Subtotal	-	-	-	-	**39**	**38**	**0**
Total École technique et professionnelle	**57**	**71**	**78**	**76**		**77**	

CHAPTER 3 – UNIVERSITY RETENTION

TABLE OF CONTENTS

LIST OF TABLES 140

CHAPTER 3 – UNIVERSITY RETENTION 142

3.0 Background 142

3.1 University Retention 142

LIST OF TABLES

Table 3.1a – First Entry Programs - All Universities 144

Table 3.1b – Second Entry Programs - All Universities 144

CHAPTER 3 - UNIVERSITY RETENTION

3.0 Background

This chapter contains the first results from the Indicators Project and reports on the retention of full-time undergraduate students in for-credit programs at Manitoba's universities. Specifically, the data shows the percentage of students retained in their program. Data from Cooperative Education Programs and from colleges are not available for this edition of the Statistical Compendium, but will be included in future editions.

Universities are currently unable to track students who leave a Manitoba university to attend another Manitoba post-secondary institution. The data shown below have been adjusted based on surveys to provide an estimate of the number of students who transferred from a university to another post-secondary institution. This analysis is essential to ensure the most complete reporting of the success of students in the post-secondary system in Manitoba.

3.1 University Retention

Table 3.1a shows that in 53.1% of undergraduate students first entering university ("First Entry Programs) as full-time students in 1998/99 completed their university program within five years. Similarly, 53.3% of the cohort entering university in 1999/00 graduated within five years.

An additional 9.6% of students first entering university in 1998/99 had transferred to another post-secondary institution sometime during the first five years of study, a figure that was the same for the 1999/00 cohort.

Table 3.1b shows that 84.5% of full-time undergraduate students entering a professional or other university program in 1998/99 requiring previous university study (Second Entry Programs) completed their program within five years, a figure that increased to 91.7% for the 1999/00 cohort. After five years, only 2.6% of the 1998/99 Second Entry cohort had transferred to another post-secondary institution, declining to 1.2% for the 1999/00 cohort of students in the same programs.

The data show for both years that the highest rate of attrition occurred after the first year of studies. This is consistent with other analyses of retention done in Manitoba and in other jurisdictions.

Manitoba students entering university in 1998/99 had a 74.8% success rate for First Entry Programs and an 88.9% success rate for Second Entry Programs after five years of study. The 1999/00 cohort had a 74.1% success rate in First Entry Programs and a 95.6% success rate for Second Entry Programs after five years of study. Taken together, for the 1998/99 cohort, the overall success rate

for First and Second Entry Programs was 79.0% after five years of study, increasing to 80.2% for the 1999/00 cohort.

When First and Second Entry Programs are assessed together, fully 62.4% of the 1998/99 undergraduate university cohort graduated within five years of entering their program of study, a figure that increased to 64.2% for the 1999/00 cohort. Again when First and Second Entry programs are assessed together, a total of 7.5% of the 1998/99 undergraduate university cohort transferred to another post-secondary institution, remaining stable at 7.2% for the 1999/00 cohort. Students transferring to another post-secondary system represent choices made by students.

The graduation rates for students attending Manitoba universities compare well to other universities in Canada. Other research has found that overall, 58% of Canadian students graduated five years after entering their program. In the United States, however, only 50% of students graduate five years after starting university.[1]

[1] Sid Gilbert. *Research Report # 1: Attrition in Canadian Universities*. Ottawa: Commission of Inquiry on Canadian University Education, 1991.

3.1a First Entry Program* - All Universities

Cohort Year	Students Entering in 1998			Students Entering in 1999		
Years of Study (calendar year)	After 1 Year (1999)	After 5 Years (2003)	After 7 Years (2005)	After 1 Year (2000)	After 5 Years (2004)	After 7 Years (2006)
Number of Students	3,878	3,878	3,878	3,993	3,993	3,993
% Graduated	0.0%	53.1%	-	0.1%	53.3%	-
% Continuing	77.2%	12.1%	-	77.2%	11.2%	-
% Transferred	5.8%	9.6%	-	6.1%	9.6%	-
Success Rate	**83.0%**	**74.8%**	-	**83.4%**	**74.1%**	-
% Attrition	15.8%	22.9%	-	14.9%	22.7%	-
% Ineligible to Proceed	1.2%	2.2%	-	1.7%	3.2%	-
Total	**100.0%**	**100.0%**	-	**100.0%**	**100.0%**	-

* This table does not include students who switched from a first entry program (like University 1) to a "second entry program" such as medicine.

3.1b Second Entry Program* - All Universities

Cohort Year	Students Entering in 1998			Students Entering in 1999		
Years of Study (calendar year)	After 1 Year (1999)	After 5 Years (2003)	After 7 Years (2005)	After 1 Year (2000)	After 5 Years (2004)	After 7 Years (2006)
Number of Students	1,631	1,631	1,631	1,593	1,593	1,593
% Graduated	0.0%	84.5%	-	0.1%	91.7%	-
% Continuing	89.9%	1.8%	-	95.9%	2.8%	-
% Transferred	1.8%	2.6%	-	0.9%	1.2%	-
Success Rate	**91.7%**	**88.9%**	-	**96.9%**	**95.6%**	-
% Attrition	8.3%	10.4%	-	2.8%	3.3%	-
% Ineligible to Proceed	0.0%	0.7%	-	0.4%	1.1%	-
Total	**100.0%**	**100.0%**	-	**100.0%**	**100.0%**	-

* This table includes students entering a second program with a degree, or transferring in from another program within the same university to a program requiring prerequisite university studies. Students in co-operative education programs are not included.

CHAPTER 4 – UNIVERSITY AND COLLEGE STAFFING

TABLE OF CONTENTS

LIST OF TABLES 147

CHAPTER 4 – UNIVERSITY AND COLLEGE STAFFING 148
4.0 Background 148

4.1 University 148
4.1.1 All Staff by type (Total Staffing) 148
4.1.2 Academic Staff by Type 150
4.1.3 Academic Staff by Salary Level 152
4.1.4 Administrative and Support Staff by Gender 155

4.2 College 156
4.2.1 All Staff by Type 156
4.2.2 Instructional Staff by Type 157
4.2.3 Instructional Staff by Salary level 158
4.2.4 Instructional Staff by Gender 159
4.2.5 Administrative Staff by Type 160
4.2.6 Administrative Staff by Gender 161
4.2.7 Support Staff by Type 162
4.2.8 Support Staff by Gender 163

LIST OF TABLES

Table 4.1.1 – All Staff by Type 149

Table 4.1.2 – Academic Staff by Type 151

Table 4.1.3 – Academic Staff by Rank, Gender and Mean Salary - Full time Staff 154

Table 4.1.4 - Administrative and Support Staff by Gender 155

Table 4.2.1 – All Staff by Type 156

Table 4.2.2 – Instructional Staff by Type 157

Table 4.2.3 – Instructional Staff by Average Salary – Full Time only 158

Table 4.2.4 – Instructional Staff by Gender – Full Time only 159

Table 4.2.5 – Administrative Staff by Type 160

Table 4.2.6 – Administrative Staff by Gender – Full Time only 161

Table 4.2.7 – Support Staff by Type 162

Table 4.2.8 – Support Staff by Gender – Full Time only 163

CHAPTER 4 – UNIVERSITY AND COLLEGE STAFFING

4.0 Background

This chapter includes two sections of data and analysis on the universities and colleges for the years 2000/01 to 2002/03. Due to system constraints, the UW could not provide data for 2000/01, therefore data for the UW begins in 2001/02. The first section includes data on staffing at the universities and the second section is for staffing at the colleges. Each section provides data on the number of academic faculty and support staff at each institution, as well as rank, gender and salary levels.

4.1 University

4.1.1 All Staff by type (Total Staffing)

"All staff" refers to everyone employed at a university. This includes all administrators, academic faculty, administrative assistants, librarians, as well as trades people and janitorial staff. It is the sum of all full-time and part-time staff at each university in Manitoba. Full time staff work for 12 or more months per year, while part time refers to those individuals who work for less than 12 months.

Full time staff is shown in four categories permanent, term, reduced appointments and geographic. Part time staff is shown in three categories permanent, term and casual. A permanent staff member has a continuing appointment with no fixed end date, while staff members with term appointments work on a contract with a fixed duration. A reduced appointment is a full time staff member working less than a full staff year with full benefits. This reduced appointment can be voluntary or required at age 69, at some universities. Full time geographic appointments are Doctors who, in addition to their academic appointment, have a clinical practice, or casual staff who are generally on contract for short time spans.

Staffing data will reconcile with published Statistics Canada data. Staffing numbers are reported as of October 1 each year.

Table 4.1.1 shows that for both 2001/02 and 2002/03, the proportions of total university staff employed in Manitoba remained unchanged. UM employs over three-quarters or 82.3% of total staff, UW 7.6%, BU 7.3%, and CSB 1.7%.

The UM, BU and CSB all show a similar overall trend in increased staffing over the three-year period, while the number of staff at UW decreased between 2001/02 and 2002/03. Between 2000/01 and 2001/02, the UM had a decrease in staffing levels, while BU and CSB increased. The following year overall total staffing increased by 904 staff or 12.5%. Total full-time staff increased between 2001/02 and 2002/03 by 213 staff or 4.7%. Total part-time staff increased by 606 staff or 22.7% over the same time period.

Table 4.1.1 – All Staff by Type

University		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
University of Manitoba				
Full Time	Permanent	2,996	3,101	3,252
	Term (> = 12 months)	0	0	0
	Reduced Appointments	56	69	71
	Geographic	359	339	386
	Subtotal	**3,411**	**3,509**	**3,709**
Part Time	Permanent	219	239	319
	Term (< 12 months)	574	620	590
	Casual/Temporary	1,917	1,634	2,075
	Subtotal	**2,710**	**2,493**	**2,984**
Total		**6,121**	**6,002**	**6,693**
University of Winnipeg [1]				
Full Time	Permanent	-	551	512
	Term (> = 12 months)	-	41	69
	Reduced Appointments	-	4	4
	Geographic	-	0	0
	Subtotal	**N/a**	**596**	**585**
Part Time	Permanent	-	23	27
	Term (< 12 months)	-	16	7
	Casual/Temporary [2]	-	0	0
	Subtotal	**N/a**	**39**	**34**
Total		**N/a**	**635**	**619**
Brandon University				
Full Time	Permanent [3]	371	275	276
	Term (> = 12 months)	0	84	98
	Reduced Appointments	8	9	12
	Geographic	0	0	0
	Subtotal	**379**	**368**	**386**
Part Time [4]	Permanent	31	13	13
	Term (< 12 months)	-	76	35
	Casual/Temporary	-	-	157
	Subtotal	**31**	**89**	**205**
Total		**410**	**457**	**591**

Table 4.1.1 con't...		2000/01	2001/02	2002/03
Collège de Saint-Boniface				
Full Time	Permanent	64	67	74
	Term (> = 12 months)	14	12	11
	Reduced Appointments	0	0	0
	Geographic	0	0	0
	Subtotal	**78**	**79**	**85**
Part Time	Permanent	21	20	23
	Term (< 12 months)	18	31	32
	Casual/Temporary	4	0	0
	Subtotal	**43**	**51**	**55**
Total		**121**	**130**	**140**
Grand Total		**6,652** [1]	**7,224**	**8,043**

Notes:
1. Due to system constraints, the UW was unable to provide data for 2000/01.
2. In 2001/02 the UW could not separate those who were paid from those who were unpaid. This was clarified in 2002/03, numbers will be included in the future.
3. For 2000/01, the full time term numbers could not be separated from permanent.
4. Part time term and casual numbers were not available for 2000/01.

4.1.2 Academic Staff by Type

Academic staff which comprised almost 35.7% of total staff, increased at the three universities (as the UW data was not available) between 2000/01 and 2002/03 by 12.4% (289 staff). The UW increased by 4.5% (12 staff) between 2001/02 and 2002/03. Overall, all universities had a slight increase in both full and part time academic staff between 2001/02 and 2002/03 of 3.7% (75 staff) and 28.6% (180 staff) respectively.

It is logical to assume that as enrollment increased over time, staffing levels would also increase to accommodate the higher number of students. This was in fact the case between 2000/01 and 2002/03. Not including the UW, (as complete data is not available) total enrollment increased at the UM, BU and CSB by 14.9% or 4,961 students (See Table 1.1.1) between 2000/01 and 2002/03, while staffing levels increased by 12.4% or 289 faculty members at the three universities.

Table 4.1.2 – Academic Staff by Type

University [1]		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
University of Manitoba				
Full Time	Permanent	1,069	1,094	1,127
	Term (> = 12 months)	0	0	0
	Reduced Appointments	24	36	37
	Geographic	359	339	386
	Subtotal	**1,452**	**1,469**	**1,550**
Part Time	Permanent	56	53	86
	Term (< 12 months)	345	367	376
	Casual/Temporary	167	115	262
	Subtotal	**568**	**535**	**724**
Total		**2,020**	**2,004**	**2,274**
University of Winnipeg [2]				
Full Time	Permanent	-	229	239
	Term (> = 12 months)	-	21	19
	Reduced Appointments	-	2	2
	Geographic	-	0	0
	Subtotal	**N/a**	**252**	**260**
Part Time	Permanent	-	12	16
	Term (< 12 months)	-	0	0
	Casual/Temporary [3]	-	0	0
	Subtotal	**N/a**	**12**	**16**
Total		**N/a**	**264**	**276**
Brandon University				
Full Time	Permanent [4]	226	148	148
	Term (> = 12 months)	0	69	80
	Reduced Appointments	7	8	11
	Geographic	0	0	0
	Subtotal	**233**	**255**	**239**
Part Time [5]	Permanent	10	2	2
	Term (< 12 months)	0	42	26
	Casual/Temporary	0	0	0
	Subtotal	**10**	**44**	**28**
Total		**243**	**299**	**267**

Table 4.1.2 con't...		2000/01	2001/02	2002/03
Collège de Saint-Boniface				
Full Time	Permanent	38	38	42
	Term (> = 12 months)	10	6	4
	Reduced Appointments	0	0	0
	Geographic	0	0	0
	Subtotal	**48**	**44**	**46**
Part Time	Permanent	14	15	16
	Term (< 12 months)	15	24	26
	Casual/Temporary	0	0	0
	Subtotal	**29**	**39**	**42**
Total		**77**	**83**	**88**
Grand Total		**2,340** [2]	**2,650**	**2,905**

Notes:

1. Includes Deans and Directors.
2. Due to system constraints the UW was unable to provide data for 2000/01.
3. In 2001/02, the UW could not separate those who were paid from those who were unpaid. This was resolved in 2002/03; numbers will be included in the future.
4. For 2000/01 the full time term numbers could not be separated from permanent numbers.
5. Part time term and casual numbers were not available for 2000/01.

4.1.3 Academic Staff by Salary Level

Table 4.1.3 shows academic staff by rank, gender and average salary level for all universities. Due to system constraints, the UW did not provide data for 2000/01.

In 2002/03, full professors accounted for 29.0% of all academic staff at the UM, BU and CSB, while associate and assistant professors accounted for 48.5%, and lecturers for 4.2%. The remaining 19.3% is comprised of instructors and assistants who do not fit the other categories. The number of UW staff increased at all ranks between 2001/02 and 2002/03, with the exception of lecturers, which decreased by 4 staff or 33.3%.

The data by gender show that over the three-year period, the percentage of female faculty members increased at UM, BU and CSB by 29.0% and male faculty members increased by 19.9%. The overall gender composition of academic staff for 2000/01 at the UM, BU and CSB was 70.8% male and 29.2% female. By 2002/03 the percentage of men had decreased to 69.2% and the percentage of women had increased to 30.8%.

Between 2000/01 and 2002/02 average salary levels for academic staff increased at the UM, BU and CSB. Salaries at the UW increased between 2001/02 and 2002/03.

- **University of Manitoba**

As the data in Table 4.1.3 shows, full professors accounted for 41.4% of all academic staff at the UM in 2000/01, while associate and assistant professors accounted for 54.7% and lecturers for 3.9%. By 2002/03, the percentage of associate and assistant professors increased to 58.1% of all academic staff, while the percentage of lecturers

decreased. The number of full professors also decreased between 2000/01 and 2002/03 to 38.2% of all academic staff.

The UM data by gender shows that over the three-year period, the percentage of female faculty members increased by 9.5% and male faculty members increased by 2.0%. The overall gender composition of UM academic staff for 2000/01, was 72.5% male and 27.5% female. By 2002/03 the percentage of men had decreased to 71.1%, and the percentage of women had increased to 28.9%.

Between 2000/01 and 2002/03, average salary levels for UM academic staff increased by $5,778 or 7.1%.

- **University of Winnipeg (2000/01 data not available)**

In 2002/03, full professors at the UW accounted for 31.8% of all academic staff, while associate and assistant professors accounted for 47.9% and lecturers for 3.1%. The remaining 17.2% was comprised of instructors and assistants who do not fit the other categories.

The overall gender composition of UW academic staff for 2002/03 was 66.7% male and 33.3% female. Between 2001/02 and 2002/03, average salary levels for UW academic staff increased by $958 or 1.5%.

- **Brandon University**

As shown in Table 4.1.3, in 2000/01 full professors accounted for 15.2% of all academic staff at BU. Of the remaining staff, 53.3% were associate and assistant professors, 5.2% were lecturers, and 26.1% were instructors and assistants who do not fit the other categories. By 2002/03, the percentage of associate and assistant professors and full professors increased to 58.7% and 18.4% of all academic staff. The percentage of lecturers and "other staff" decreased during the same time period.

BU data by gender shows that over the three-year period, the percentage of female faculty members decreased by 2.7% and male faculty members decreased by 5.2%as the total number of faculty decreased. The overall gender composition of BU academic staff for 2002/03 was 63.7% men and 36.3% women. Between 2000/01 and 2002/03, average salary levels for BU academic staff increased by $7,233 or 12.4%.

- **Collège de Saint-Boniface**

In 2000/01, full professors accounted for 25.0% of all CSB academic staff. Of the remaining staff, 56.8% were associate and assistant professors and 18.2% were lecturers. By 2002/03, the percentage of associate and assistant professors and full professors decreased to 55.8% and 23.3% of all academic staff. The percentage of lecturers increased during the same time period to 20.9%.

CSB data by gender shows that over the three-year period, the percentage of female faculty members decreased by 5.9% and the number of male faculty members remained the same. The overall gender composition of CSB academic staff for 2002/03 was 62.8% men and 37.2% women. Between 2000/01 and 2002/03, average salary levels for CSB academic staff increased by $4,446 or 6.6%.

Table 4.1.3 – Academic Staff by Rank, Gender and Mean Salary - Full time Staff

University [1]		Academic Year 2000/01 – 2002/03								
		2000/01			2001/02			2002/03		
		Fem	Male	Mean Salary[2]	Fem	Male	Mean Salary[2]	Fem	Male	Mean Salary[2]
University of Manitoba										
	Full Professors	55	374	$97,285	57	369	$101,973	61	351	$105,663
	Associate Professors	87	204	76,975	90	208	79,903	94	215	83,243
	Assistant Professors	113	163	61,874	120	184	65,667	125	192	67,033
	Lecturers	30	10	47,791	32	12	50,351	32	8	52,091
	Other	-	-	-	-	-	-	-	-	-
	Total	**285**	**751**	**81,028**	**299**	**773**	**84,209**	**312**	**766**	**86,809**
University of Winnipeg [3]										
	Full Professors	-	-	-	14	67	87,744	15	68	89,933
	Associate Professors	-	-	-	20	38	65,523	22	40	66,540
	Assistant Professors	-	-	-	25	32	48,881	28	35	50,418
	Lecturers	-	-	-	8	4	43,523	4	4	43,881
	Other	-	-	-	14	26	52,773	18	27	53,327
	Total	**N/a**	**N/a**	**N/a**	**81**	**167**	**65,816**	**87**	**174**	**66,774**
Brandon University										
	Full Professors	3	29	84,622	4	32	87,191	3	34	94,802
	Associate Professors	16	46	66,324	15	39	69,138	18	40	75,714
	Assistant Professors	25	25	50,783	28	29	51,440	29	31	57,813
	Lecturers	6	5	41,676	4	1	40,770	4	5	45,734
	Other	25	30	49,028	20	19	50,181	19	18	54,535
	Total	**75**	**135**	**58,487**	**71**	**120**	**59,744**	**73**	**128**	**65,720**
Collège de Saint-Boniface										
	Full Professors	2	9	86,063	3	7	90,725	3	7	93,447
	Associate Professors	9	11	72,156	8	13	78,189	6	13	78,475
	Assistant Professors	3	2	46,800	0	0	48,672	2	3	50,132
	Lecturers	3	5	43,460	4	5	45,199	5	4	46,555
	Other	-	-	-	-	-	-	-	-	-
	Total	**17**	**27**	**67,534**	**15**	**25**	**73,900**	**16**	**27**	**71,980**
Grand Total		3773	**913**[3]	-	**466**	**1,085**	-	**488**	**1,095**	-

Notes:
1. Total includes Deans and Directors equivalent to Deans. For full time staff only.
2. Mean salary is calculated by the universities.
3. Data could not be provided due to system constraints.

4.1.4 Administrative and Support Staff by Gender

As Table 4.1.4 shows, between 2000/01 and 2002/03, the number of administrative and support staff increased, following the trend of total staffing. The UW did not provide data for 2000/01; however the 2001/02 and 2002/03 data followed the increasing trends of the other institutions.

Table 4.1.4 - Administrative and Support Staff by Gender

University [1]		Academic Year 2000/01 – 2002/03					
		2000/01		2001/02		2002/03	
		Female	Male	Female	Male	Female	Male
University of Manitoba							
	FT	1,180	779	1,215	825	1,302	857
	PT	1,322	820	1,233	725	1,431	829
	Total	**2,502**	**1,599**	**2,448**	**1,550**	**2,733**	**1,686**
University of Winnipeg [2]							
	FT	-	-	163	101	202	112
	PT	-	-	22	1	22	1
	Total	**N/a**	**N/a**	**185**	**102**	**224**	**113**
Brandon University							
	FT	117	44	118	47	122	46
	PT	18	3	19	6	21	6
	Total	**135**	**47**	**137**	**53**	**143**	**52**
Collège de Saint-Boniface							
	FT	25	11	27	12	28	14
	PT	3	3	5	3	4	6
	Total	**28**	**14**	**32**	**15**	**32**	**20**
Grand Total		**2,665** [2]	**1,660** [2]	**2,802**	**1,720**	**3,132**	**1,871**

Notes:
1. This table includes academic and non-teaching administrators, counselors, librarians, program support, and computer support personnel. It does not include Deans and Directors.
2. Due to system constraints the UW was unable to provide data for 2000/01.

A comparison of administrative and support staff between 2001/02 and 2002/03 shows an increase of 341 staff (7.9%) over time. UW had the largest overall increase of 50 staff (17.4%).

Analysis by gender shows that for the period, women held two thirds of the administrative and support positions at all four universities, while men accounted for the remaining third. Similarly, the percentage of women in administrative and support positions increased at the UM and UW over the period, while the percentage of women at BU and CSB decreased between 2000/01 and 2002/03.

4.2 College

4.2.1 All Staff by Type

"All staff" refers to everyone employed at a college, this includes all administrators, instructors, educational assistants, administrative assistants, librarians, as well as trades people and janitorial staff. It is the sum of all full-time and part-time staff at each college in Manitoba. Full time staff work the full number of hours per week (usually 35) as defined for a particular position, over a 12 month period. Part time staff work less than the full number of hours per week, as defined for a particular position, or who work for less than a 12 month period.

Table 4.2.1 shows that for 2000/01 through 2002/03, the proportions of total staff by college varied little. RRC accounts for three quarters or 74.4% of total college staffing, ACC 14.0%, KCC 10.3%, and ETP 1.3%.

Table 4.2.1 – All Staff by Type

College		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
Red River College [1]				
	FT	808	886	921
	PT	1,013	1,326	1,208
	Total	**1,821**	**2,212**	**2,129**
Assiniboine Community College [2]				
	FT	296	270	261
	PT	26	54	140
	Total	**322**	**324**	**401**
Keewatin Community College				
	FT	205	241	267
	PT	44	21	29
	Total	**249**	**262**	**296**
École technique et professionale				
	FT	18	24	23
	PT	15	15	14
	Total	**33**	**39**	**37**
Grand Total		**2,425**	**2,837**	**2,863**

Notes:
1. Includes 907 part time contract employees.
2. The 2000/01 figures include some casual employees, these have been removed in 2001/02.

All colleges show a similar trend in overall staffing increases over the three-year period, with RRC increasing by 16.9% (308 staff members), ACC by 24.5% (79 staff), KCC by 18.9% (47 staff), and ETP by 12.1% (4 staff). On a year-over-year basis staff levels at RRC fluctuated, while ACC, KCC and ETP showed steady increases in staff year.

4.2.2 Instructional Staff by Type

Instructional staff by type, as found in Table 4.2.2, shows a trend similar to that of all staff. Although each college experienced fluctuations in staffing levels between 2000/01 and 2002/03, the overall trend was increased.

Table 4.2.2 shows that in 2002/03, RRC staffing accounted for an average of 77.7% of total college instructional staff in Manitoba, while ACC accounted for 13.3%, KCC for 7.5%, and ETP for 1.5%.

Table 4.2.2 – Instructional Staff by Type

College		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
Red River College [1]				
	FT	411	456	467
	PT	801	1,056	999
	Total	**1,212**	**1,512**	**1,466**
Assiniboine Community College [2]				
	FT	151	141	132
	PT	19	31	118
	Total	**170**	**172**	**250**
Keewatin Community College				
	FT	93	118	125
	PT	20	9	16
	Total	**113**	**127**	**141**
École technique et professionale				
	FT	16	17	17
	PT	11	13	12
	Total	**27**	**30**	**29**
Grand Total		**1,522**	**1,841**	**1,886**

Note:
1. Includes 907 part time contract employees.
2. The 2000/01 figures include some casual employees, these have been removed in 2001/02.

4.2.3 Instructional Staff by Salary level

As the data in Table 4.2.3 shows, between 2000/01 and 2002/03 overall average salaries for instructional staff increased at all four colleges. Average salaries for Educational Assistants increased at RRC, KCC and ETP - ACC does not employ Educational Assistants.

Overall salary levels for instructors are the highest at KCC at $57,054 followed by RRC, ACC, and ETP. Similarly, Educational Assistants at KCC have the highest salary at $41,890 followed by RRC and ETP.

Table 4.2.3 – Instructional Staff by Average Salary – Full Time only

College		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
Red River College				
	Instructor	$50,300	$ 52,502	$ 54,734
	Educational Assistant	33,700	34,150	35,787
Assiniboine Community College [1]				
	Instructor	50,399	49,139	53,496
	Educational Assistant	-	-	-
Keewatin Community College [2]				
	Instructor	52,153	53,303	57,054
	Educational Assistant	37,679	40,799	41,890
École technique et professionale				
	Instructor	50,900	53,500	52,500
	Educational Assistant	11,500	12,000	12,500

Note:

1. The 2000/01 figures include some casual employees, these have been removed in 2001/02.
2. Although KCC's average wage appears to be decreasing it

4.2.4 Instructional Staff by Gender

The data in Table 4.2.4 shows that men comprised approximately two-thirds of the instructional staff at RRC, while women made up the remaining one-third. The proportion of male staff at RRC decreased between 2000/01 and 2002/03 from 65.4% to 62.7% of all instructional staff.

Staffing patterns at ACC indicate that of the total instructional staff at the college, men increased from 48.3% to 59.1%. Women, on the other hand, decreased from 51.7% to 40.9% over the same three-year period. Staff distributions by gender at KCC averaged at 50.8% for men and 49.2% for women between 2000/01 and 2002/03.

The data for ÉTP also illustrates that there was an increase in men (from 44.4% to 47.1%), and a decrease for women (from 55.6% to 52.9%) between 2000/01 and 2002/03.

Table 4.2.4 – Instructional Staff by Gender – Full Time only

College		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
Red River College				
	Female	142	169	174
	Male	269	286	293
	Total	**411**	**455**	**467**
Assiniboine Community College [1]				
	Female	78	53	54
	Male	73	88	78
	Total	**151**	**141**	**132**
Keewatin Community College				
	Female	43	63	60
	Male	50	55	65
	Total	**93**	**118**	**125**
École technique et professionale				
	Female	15	10	9
	Male	12	7	8
	Total	**27**	**17**	**17**
Grand Total		**682**	**731**	**741**

Note:
1. The 2000/01 figures include some casual employees, these have been removed in 2001/02.

4.2.5 Administrative Staff by Type

As found in Table 4.2.5 the data shows that between 2000/01 and 2002/03, the overall number of administrative staff at the colleges in Manitoba increased. On a college by college basis, the number of administrative staff fluctuated at RRC and ACC while KCC and ETP remained the same.

Table 4.2.5 shows that in 2002/03, RRC accounts for 52.9% of total college administrative staff in Manitoba.

Table 4.2.5 – Administrative Staff by Type

College [1]		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
Red River College				
	FT	51	68	54
	PT	0	1	0
	Total	**51**	**69**	**54**
Assiniboine Community College				
	FT	28	26	30
	PT	2	1	2
	Total	**30**	**27**	**32**
Keewatin Community College				
	FT	12	12	12
	PT	0	0	0
	Total	**12**	**12**	**12**
École technique et professionale				
	FT	1	1	1
	PT	0	0	0
	Total	**1**	**1**	**1**
Grand Total		**94**	**109**	**99**

Note:
1. Includes all non-academic administrators.

4.2.6 Administrative Staff by Gender

The data in Table 4.2.6 illustrates that men comprised approximately 60.0% of the administrative staff at RRC, while women made up the remaining 40.0%. The proportion of male staff at RRC decreased between 2000/01 and 2002/03 from 64.7% to 61.1% of all administrative staff.

Staffing patterns at ACC indicate that of the total administrative staff at the college, men showed a decreasing trend (from 53.7% to 50.0%). Women, on the other hand, showed an increasing trend (from 46.4% to 50.0%) over the same three-year period. Staffing distributions by gender at KCC remained the same at 58.3% men and 41.7% women. The data for ÉTP also shows that the number of administrative staff stayed the same.

Table 4.2.6 – Administrative Staff by Gender – Full Time only

College [1]		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
Red River College				
	Female	18	30	21
	Male	33	38	33
	Total	**51**	**68**	**54**
Assiniboine Community College				
	Female	13	12	15
	Male	15	14	15
	Total	**28**	**26**	**30**
Keewatin Community College				
	Female	5	5	5
	Male	7	7	7
	Total	**12**	**12**	**12**
École technique et professionale				
	Female	1	1	1
	Male	0	0	0
	Total	**1**	**1**	**1**
Grand Total		**92**	**107**	**97**

Note:
1. Includes all non-academic administrators.

4.2.7 Support Staff by Type

Overall, between 2000/01 and 2002/03, support staff shows a trend similar to that of all staff. Although each college experienced fluctuations with staffing levels between 2000/01 and 2002/03, the overall trend was increasing.

Table 4.2.7 shows that in 2002/03, RRC accounts for 65.0% of total college support staff in Manitoba, while ACC accounts for 15.6%, KCC for 18.8%, and ETP for less than one percent.

Table 4.2.7 – Support Staff by Type

College [1]		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
Red River College				
	FT	301	371	349
	PT	170	183	145
	Total	**471**	**554**	**494**
Assiniboine Community College				
	FT	114	103	99
	PT	10	22	20
	Total	**124**	**125**	**119**
Keewatin Community College				
	FT	100	111	130
	PT	24	12	13
	Total	**124**	**123**	**143**
École technique et professionale				
	FT	1	2	2
	PT	4	2	2
	Total	**5**	**4**	**4**
Grand Total		**724**	**806**	**760**

Note:
1. Includes all support staff, secretaries, librarians, counselors, program support.

4.2.8 Support Staff by Gender

The data in Table 4.2.8 shows that in 2002/03 men comprised 37.5% of the support staff at RRC, while women made up the remaining 62.5%. The proportion of male support staff at RRC decreased between 2000/01 and 2002/03 from 39.5% to 37.5% of all support staff.

Staffing patterns at ACC indicate that of the total support staff at the college, men decreased from 28.9% to 26.3%. Women, on the other hand, increased from 71.0% to 73.7% over the same three-year period.

The proportion of female support staff at KCC decreased over the three-year period from 69.0% to 66.9%, while the proportion of men increased from 31.0% to 33.1%. The data for ÉTP shows that all of the support staff was female between 2000/01 and 2002/03, with the exception of one male in 2000/01.

Table 4.2.8 – Support Staff by Gender – Full Time only

College [1]		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
Red River College				
	Female	182	226	218
	Male	119	145	131
	Total	**301**	**371**	**349**
Assiniboine Community College				
	Female	81	72	73
	Male	33	31	26
	Total	**114**	**103**	**99**
Keewatin Community College				
	Female	69	75	87
	Male	31	36	43
	Total	**100**	**108**	**130**
École technique et professionale				
	Female	4	2	2
	Male	1	0	0
	Total	**5**	**2**	**2**
Grand Total		**520**	**584**	**580**

Note:
1. Includes all support staff, secretaries, librarians, counselors, program support.

CHAPTER 5 – ACCESS PROGRAMS

TABLE OF CONTENTS

LIST OF TABLES 166

CHAPTER 5 – ACCESS PROGRAMS 167
5.0 Background 167

5.1 ACCESS Programs by Institution 167

5.2 Student Intake, Enrollment and Graduates 169

5.3 Student Demographics 171

5.4 Graduate Employment Outcomes 172

5.5 Student Funding Sources 173

5.6 Operating Grants 173

LIST OF TABLES

Table 5.1 - ACCESS Programs by Institution 168

Table 5.2 - Student Intake, Enrollment and Graduates - Revised 170

Table 5.3 - Student Demographics 171

Table 5.4 - Graduate Employment Outcomes 172

Table 5.5 - Student Funding Sources 173

CHAPTER 5 – ACCESS PROGRAMS

5.0 Background

The ACCESS Programs were established in the 1970s to enhance accessibility to Manitoba's post-secondary institutions for individuals who would not otherwise have the opportunity to attend, due to geographic, financial, social, and academic barriers. Priority groups consist of northern Manitobans, Aboriginal people, single parents, women, immigrants, visible minorities, and people with disabilities. ACCESS Programs provide academic and personal supports as required, to assist students with completing their course of study. In 2000/01, administrative responsibility for the ACCESS Programs was transferred to the Council on Post-Secondary Education.

Data on student demographics and student funding sources is reported for the 2000/01 to 2002/03 academic years only. Data on graduate employment outcomes is reported for the years between 1999/00 and 2002/03. Student intake, enrollment and graduate data is reported for the five-year period between 1998/99 and 2002/03. ACCESS enrollment and graduate data is included in the total for each institution.

In some situations, data in this Chapter may differ from the 2002/03 edition. Data in this document should be considered correct, as some of the institutions have revised their data. Where this has occurred, "Revised" will be noted in the row that has changed.

5.1 ACCESS Programs by Institution

Five post-secondary institutions currently deliver the twelve ACCESS Programs described below. There are two teacher education programs, an off-campus UW program at the Winnipeg Education Centre (WEC), and the Brandon University Northern Teacher Education Program (BUNTEP) delivered in remote communities and regional centres in the North and in rural Manitoba.

There are two Social Work Programs offered by the UM. One is in Thompson for northern residents and the second is located off-campus at WEC for Winnipeg residents. There are also two preparation for nursing programs, one is delivered by KCC, and the other is delivered by RRC for residents of southern Manitoba. In addition, KCC delivers a preparation for health careers program in Norway House.

Two general on-campus ACCESS programs exist at RRC and UM. These programs allow students to enroll in any field of study with full use of the support programs offered by the ACCESS programs. The UM has three other on-campus ACCESS programs, all of which are intended for Aboriginal students. These programs are in Engineering, Pre-Medical Studies, and a separate program for students that advance to the health field.

Table 5.1 - ACCESS Programs by Institution

Institution	ACCESS Program
Brandon University	• **Brandon University Northern Teacher Education Program (BUNTEP)** An off-campus community based Bachelor of Education program for students in northern and rural Manitoba
University of Manitoba	• **University of Manitoba ACCESS Program (UMAP)** A program providing access to educational opportunities on-campus at the UM for northern and rural students • **Special Pre-Medical Studies Program (SPSP)** A two-to four-year program preparing Aboriginal students for entry into medicine, dentistry or other health-related facilities • **Professional Health Program (PHP)** A program providing support to students in the faculties of Medicine, Dentistry, Pharmacy, and Medical Rehabilitation for those who have gained admission to these faculties • **Northern Bachelor of Social Work Program (NBSWP)** A Bachelor of Social Work program in Thompson • **Inner City Social Work Program (ICSWP)** An off-campus Bachelor of Social Work program • **Engineering ACCESS Program (ENGAP)** A Bachelor of Engineering program for Aboriginal students
University of Winnipeg	• **Winnipeg Education Centre – Bachelor of Education Program (WEC-Ed)** An off-campus Bachelor of Education program that trains teachers for Winnipeg's inner city
Red River College	• **Community College ACCESS Program (CCAP)** A college upgrading program that provides supports for RRC students who do not meet the regular admission requirements to obtain college diplomas and certificates • **Southern Nursing Program (SNP)** A preparation program designed to enable applicants from southern Manitoba who do not meet the educational requirements for the joint Baccalaureate Nursing Program, to acquire the skills to enter the program.
Keewatin Community College	• **Preparation for Nursing (PN)** A preparation program located in Thompson and The Pas designed to enable applicants from northern Manitoba who do not meet the educational requirements for the Baccalaureate Nursing Program to acquire the skills to enter the program or others in the health field. • **Health Education ACCESS Program (HEAP)** A program delivered at Norway House that prepares students who do not meet the educational requirements for programs in the health field. HEAP students often choose the BN program upon completion.

5.2 Student Intake, Enrollment and Graduates

As the data in Table 5.2 shows, total enrollment in ACCESS programs increased annually between 1998/99 and 2002/03, and overall, by 379 students or 41.9%. In this five-year time frame there were major increases in several programs including the Preparation for Nursing at KCC (PN) (41 students or 410%), the Brandon University Northern Teacher Education Program (BUNTEP) (209 students or 131.4%), the University of Manitoba ACCESS Program (UMAP) (60 students or 53.6%), and the Winnipeg Education Centre Education Program (WEC – Ed) at the UW (33 students or 50.8%).

Table 5.2 also shows that there was an increase in the student intake between 1998/99 and 2002/03 of 18.0% or 58 students. On a year-over-year basis, the intake of students fluctuated. However, between 2000/01 and 2001/02, student intake more than doubled from 348 to 717 students. This increase was as a result of larger intakes in several programs including the Preparation for Nursing at KCC (PN) (65 students or 1,083.3%), the Brandon University Northern Teacher Education Program (BUNTEP) (217 students or 442.9%), the Community College ACCESS Program at RRC (CCAP) (38 students or 66.7%), and the University of Manitoba ACCESS Program (UMAP) (26 students or 48.1%). The introduction of the Health Education ACCESS Program (HEAP) also contributed to the increase in student intake in 2001/02. Following 2001/02, student intake decreased by 337 students or 47.0%, returning to pre-2001/02 levels.

The data also shows there was an increase of 22.5% or 31 graduates in total from the ACCESS programs between 1998/99 and 2002/03. The number of graduates fluctuates each year. This can be attributed to several factors including changes to programs, graduation requirements, access to student financial assistance, as well as start time and length of time taken for completing programs.

Table 5.2 - Student Intake, Enrollment and Graduates - Revised

ACCESS Program	Academic Year 1998/99 – 2002/03														
	1998/99			1999/00			2000/01			2001/02			2002/03		
	I[1]	E[2]	G[3]	I	E	G	I	E	G	I	E	G	I	E	G
BUNTEP	67	159	12	99	187	28	49	207	16	266	413	19	57	368	16
CCAP	60	135	29	59	165	14	57	124	16	95	160	20	78	148	23
ENGAP	23	57	7	14	42	5	18	39	4	17	45	4	18	45	6
HEAP[4]	-	-	-	-	-	-	-	-	-	24	24	16	13	13	4
ICSWP	21	76	9	25	87	12	31	82	14	21	85	15	25	83	13
NBSWP	27	87	16	34	94	10	38	83	11	35	82	11	26	82	20
PN	4	10	3	15	32	5	6	60	16	71	108	17	33	51	16
PHP	3	24	6	6	22	5	5	16	5	12	20	5	4	20	4
SNP	40	118	22	44	133	5	44	121	38	42	131	38	44	130	31
SPSP	21	62	8	14	60	6	22	67	7	25	82	8	15	74	8
UMAP	42	112	14	47	135	3	54	165	12	80	183	26	40	172	26
WEC-ED	14	65	12	22	66	22	24	73	7	29	75	5	27	98	2
Total	**322**	**905**	**138**	**379**	**1,023**	**115**	**348**	**1,037**	**146**	**717**	**1,408**	**184**	**380**	**1,284**	**169**

Notes:
See Table 5.1 for a complete description of ACCESS programs

1. I – Intake (Number of students accepted into Year 1 of the Program).
2. E – Enrollment (Number of students enrolled in all years of the Program).
3. G – Graduates (Number of students graduating from the final year of the Program).
4. HEAP began in 2001/02.

5.3 Student Demographics

Table 5.3 provides a demographics profile of students enrolled in ACCESS programs between 2000/01 and 2002/03. In 2002/03, Aboriginal students comprised an average of 73.7% of the total enrollment. The remaining 26.3% of students enrolled consisted of immigrants/refugees, visible minorities, people with disabilities, and other/non-Aboriginal individuals. On average, in 2002/03 the majority of ACCESS program students (73.7%) were women, and 26.3% were men. However, the number of women decreased between 2000/01 and 2002/03 from 82.6% to 73.7%.

In each year between 2000/01 and 2002/03, approximately 68% of students were single, the remaining 32% were married/common law or did not disclose marital status.

Table 5.3 - Student Demographics

Student Demographics [1]	Academic Years 2000/01 – 2002/03		
	2000/01	2001/02	2002/03
All Students by Demographic Group			
Status/Inuit	475	712	650
Non-Status/Metis	173	188	201
Immigrant/Refugee	38	58	59
Visible Minority	26	84	15
Disabled	4	2	3
Other/ Non Aboriginal	190	175	219
Unknown	14	39	8
Total[2]	**920**	**1,258**	**1,155**
% Aboriginal	70.4%	71.5%	73.7%
All Students by Gender			
Male	159	291	303
Female	755	927	847
Total[2]	**914**	**1,218**	**1,150**
% Female	82.6%	76.1%	73.7%
All Students by Marital Status			
Single parents	288	365	323
Single	334	463	461
Married/ Common Law	284	357	359
Unknown	8	33	7
Total[2]	**914**	**1,218**	**1,150**

Notes:
1. Data is a snap shot at February. Only those students enrolled in classes in February are counted.
2. Students may belong to more than one demographic group, thus 'Total' numbers may be different from gender and marital status.

5.4 Graduate Employment Outcomes

ACCESS program graduates are surveyed annually to determine their employment outcomes. As Table 5.4 shows, in 2002/03 most (94.4%) ACCESS graduates either found employment or were continuing their education. Only 3.5% of graduates were unemployed. The data also show that in 2002/03, 99.1% of employed graduates found jobs related to their field of study.

Between 2000/01 and 2002/03, the data shows that as a percentage of total graduates, those employed (full or part-time) have decreased from 79.0% to 74.6%, while the percentage of graduates continuing their education have increased from 8.6% to 19.7%.

Table 5.4 - Graduate Employment Outcomes

Graduate Employment Outcomes[1,2]	Academic Year 2000/01 – 2002/03		
	2000/01	2001/02	2002/03
Employment status following graduation - Revised			
Employed full-time (more than 30 hrs/wk)	62	73	94
Employed part-time (less than 30 hrs/wk)	2	3	12
Unemployed[3]	3	2	5
Continuing their Education	7	54	28
Not in labour force[4]	1	0	2
Unknown	6	13	1
Total Graduates	**81**	**145**	**142**
Percent Employed or Continuing their Education	87.7%	89.7%	94.4%
Relationship between field of study and employment - Revised			
Directly related	60	76	99
Somewhat related	3	0	6
Not related	1	0	0
Unknown	0	0	1
Total employed	**64**	**76**	**106**
Percent Directly or Somewhat Related	98.4%	100.0%	99.1%

Notes:
1. Data is a snap shot in time at February.
2. The surveys include only those students graduating on or before January of each year.
3. Must be actively seeking employment but unemployed.
4. Not actively seeking employment.

5.5 Student Funding Sources

Financial assistance is limited to a specific number of seats annually and is provided to eligible students through federal loans and provincial bursaries. In 2002/03, the Province provided $1.8 million in non-repayable ACCESS bursaries. As Table 5.5 shows, 210 ACCESS students (17.8%) received ACCESS bursaries in 2002/03. To be eligible to receive the ACCESS bursary these students were expected to take a student loan through the Canada Student Loan Program.

Of the ACCESS students who did not receive bursary support in 2002/03, 588 students (49.8%) received funding from their First Nations communities, 225 students (19.1%) received Non-ACCESS Student Financial Assistance, 60 students (5.1%) were self-funded, and the remaining 60 students (5.1%) received funding from other sources.

Table 5.5 - Student Funding Sources

Funding Source [1,2]	Academic Year 2000/01 – 2002/03		
	2000/01[3]	2001/02	2002/03
ACCESS Bursary	217	238	210
First Nations	439	660	588
Self Supporting	141	149	60
Non-ACCESS Student Aid	59	114	225
Social Assistance	25	32	37
Metis/MMF	13	3	6
Other	30	37	54
Total	**924**	**1,233**	**1,180**

Notes:
1. Data reported at February.
2. Students can receive support from more than one funding source.
3. Data in the 2000/01, "Other" column has been revised.

5.6 Operating Grants

In additional to providing student financial assistance in the form of non-repayable bursaries, the Council on Post-Secondary Education also provides institutional support grants to the post-secondary institutions that offer ACCESS programs. These grants are used to cover the costs of the classroom instruction and personal supports provided for students in the programs. In 2002/03, the Province provided institutional grants totaling $5.5 million for these programs.

CHAPTER 6 – OTHER FUNDED PROGRAMS AND INSTITUTIONS

TABLE OF CONTENTS

LIST OF TABLES 176

CHAPTER 6 – OTHER FUNDED PROGRAMS AND INSTITUTIONS 177

6.1 Campus Manitoba 177
6.1.1 Background 177
6.1.2 Full Course Equivalent (FCE) Registrations 178
6.1.3 Credit Hours by Community 179

6.2 Inter-Universities North 180
6.2.1 Background 180
6.2.2 On-Site Course Enrollments 181

6.3 Private Religious Institutions 182
6.3.1 Background 182
6.3.2 Enrollment by Program – Regular Session 182
6.3.3 Enrollment by Program – Spring/Summer Session 184
6.3.5 Graduates by Program 185

LIST OF TABLES

Table 6.1.2 – Full Course Equivalent Registrations 178

Table 6.1.3 - Credit Hours by Community 179

Table 6.2.2 – On-Site Community Enrollments - Revised 181

Table 6.3.2 - Enrollment by Program and Gender– Regular Session 182

Table 6.3.3 – Enrollment by Program and Gender – Spring/Summer Session 184

Table 6.3.5 - Graduates by Program 185

CHAPTER 6 – OTHER FUNDED PROGRAMS AND INSTITUTIONS

6.1 Campus Manitoba

6.1.1 Background

Campus Manitoba (CMB) is a consortium of Manitoba's publicly funded universities and colleges that provides access to post-secondary education to Manitobans through the use of a broad selection of learning technologies. Funded by the Council on Post-Secondary Education, CMB makes post-secondary education widely accessible, serving those who live both near and far from main campuses, or who need alternative options to begin or complete programs.

CMB began as the First Year by Distance Education (FYDE) pilot program in September 1990. FYDE provided full-time first year university study in Arts and Science by distance education in the four northern and remote centres of Dauphin, Thompson, The Pas, and Flin Flon. In 1998, the mandate of the FYDE Program was expanded, and the program was officially renamed CMB to reflect the wide-ranging course offerings at the undergraduate level.

CMB now offers over 50 courses in several sites throughout the province, including some at the college level. Beginning in August 2003, CMB implemented a web-based application and registration system. The system allows students to apply and register for courses at any of the participating institution through one portal.

6.1.2 Full Course Equivalent (FCE) Registrations

As data in Table 6.1.2 shows, CMB FCE registrations increased significantly in the years between 1998/99 and 2002/03. In the year between 1998/99 and 1999/00, FCE registrations more than doubled from 414 to 883. After 1999/00, registrations continued to increase but at a much slower pace.

Overall, the 2002/03 registrations more than tripled the 1998/99 registrations – an increase of 881 registrations.

The communities with the largest increases in registrations over the five-year period include Southport (321), Thompson (98), Carman (91), and Swan River (83).

Table 6.1.2 – Full Course Equivalent Registrations

Community [1,2]	Academic Year 1998/99 – 2002/03				
	1998/99	1999/00	2000/01	2001/02	2002/03
Brandon	0	16	15	18	19
Boissevain	1	3	23	15	29
Carman	32	107	125	152	123
Dauphin	54	99	44	103	93
Deloraine	0	0	0	2	16
Eriksdale	2	46	35	43	48
Flin Flon	68	58	89	47	75
Gimli	1	2	11	12	10
Killarney	1	2	22	25	28
Southport	12	106	145	235	333
Swan River	75	168	209	211	158
The Pas	66	70	88	101	75
Thompson	92	142	142	73	190
White Bear, SK	1	22	30	33	65
Other	9	42	9	7	33
Total	**414**	**883**	**987**	**1,077**	**1,295**

Notes:
1. Full Course Equivalent registrations do not factor in those students who leave prior to the start date of the course.
2. Full Course Equivalent registrations are not the same as enrollment as one student could be enrolled in more than one course.

6.1.3 Credit Hours by Community

Total credit hours by community, as shown in Table 6.1.3 have more than doubled from 1,770 in 1998/99 to 5,667 in 2002/03. Similar to the initial course registration data, those communities with the higher numbers of course credit hours had the largest increases in credit hours over the five-year period. These communities are Southport (1,406 credit hours), Swan River (522 credit hours), Thompson (402 credit hours) and Carman (379 credit hours).

Table 6.1.3 - Credit Hours by Community

Community	Academic Year 1998/99 – 2002/03				
	1998/99	1999/00	2000/01	2001/02	2002/03
Brandon	0	48	45	60	66
Boissevain	6	12	87	63	132
Carman	132	471	513	600	511
Dauphin	222	402	186	402	443
Deloraine	0	0	0	9	66
Eriksdale	12	201	147	162	169
Flin Flon	288	270	378	186	345
Gimli	6	12	48	45	66
Killarney	6	12	96	105	75
Southport	72	408	597	951	1,478
Swan River	309	696	816	789	831
The Pas	288	291	339	411	381
Thompson	381	555	621	255	783
White Bear, SK	6	90	105	114	165
Other	42	192	39	24	156
Total	**1,770**	**3,660**	**4,017**	**4,176**	**5,667**

6.2 Inter-Universities North

6.2.1 Background

Inter-Universities North (IUN) is a consortium of UM, UW, and BU that was established in 1971/72 to deliver undergraduate courses and related student support services in communities north of the 53rd parallel. Students who register through IUN may transfer courses, grades and credits between the three universities. All courses satisfy the residency requirements for degrees at each university.

IUN is administered by KCC. IUN offers courses primarily in arts, social sciences, history, native studies and business administration. IUN also provides electives to support other university programming in the north.

The On-Site programs offered by IUN provide both full and part-time study opportunities by instructors who travel to the northern communities. Credit courses are offered in response to identified needs, subject to budget limitations.

IUN was initially offered in over 30 communities. However, with the development of Campus Manitoba and other options such as community-based learning regional centres at KCC, IUN courses are now offered in fewer communities.

In some situations, data in this Chapter may differ from the 2002/03 edition. Data in this document should be considered correct, as some of the institutions have revised their data. Where this has occurred, "Revised" will be noted in the row or on the table that has changed.

6.2.2 On-Site Course Enrollments

As Table 6.2.2 shows, course enrollments in IUN increased overall by 460 enrollments or 40.1% between 1998/99 and 2002/03. Enrollment steadily increased during this period with the exception of 1999/00 when it decreased by 11.6% or 133 enrollments. After 1999/00, enrollments in IUN increased sharply by 593 enrollments or 58.4%. Those communities showing the largest increases in enrollments between 2001/02 and 2002/03 were Cross Lake (121), and War Lake (59). The Pas, Norway House, and Thompson sites experienced decreases during that year of 18, 22 and 37 enrollments respectively.

Table 6.2.2 – On-Site Community Enrollments - Revised

Community [1]	Academic Year 1998/99 – 2002/03				
	1998/99	1999/00	2000/01	2001/02	2002/03
Brochet	0	14	0	0	0
Cross Lake	157	37	0	75	196
Flin Flon	8	0	0	0	0
Fox Lake	23	0	0	0	0
Garden Hill	16	0	0	0	0
God's River	10	0	0	0	0
Indian Birch	19	0	0	0	0
Lac Brochet	19	0	0	0	0
Lynn Lake	0	0	13	0	0
Nelson House	32	64	51	0	0
Norway House	321	213	419	416	394
Oxford House	14	0	0	0	0
Sapotaweyak	10	0	0	0	0
Shamattawa	18	12	0	0	0
Split Lake	94	67	0	0	0
St. Theresa Point	9	4	0	0	0
The Pas	13	79	127	275	257
Thompson	338	417	584	723	686
War Lake	30	108	25	16	75
York Landing	17	0	0	0	0
Total	**1,148**	**1,015**	**1,219**	**1,505**	**1,608**

Note:
1. Data in this table counts students each time they enroll in a course, therefore there is double counting, i.e., if students are enrolled in three courses they are counted three times.

6.3 Private Religious Institutions

6.3.1 Background

There are four private religious degree-granting institutions that receive a portion of their funding from the Council on Post-Secondary Education. This funding is to support enrollment in non-theological, non-denominational courses. The private religious institutions are the Canadian Mennonite University (CMU), Providence College and Seminary (PCS), William and Catherine Booth College (WCBC), and Steinbach Bible College (SBC). Enrollment and graduation data from the private religious institutions is available for four years: 1999/00 and 2002/03, and is presented in the tables that follow.

6.3.2 Enrollment by Program – Regular Session

As the data in Table 6.3.2 show, regular session enrollment increased at all four private religious institutions between 1999/00 and 2002/03. Overall, enrollment increased by 343 students or 24.8% over the four-year period.

Table 6.3.2 - Enrollment by Program and Gender– Regular Session

Institution by Program [1,2]		Academic Year 1999/00 – 2002/03											
		1999/00		2000/01		2001/02				2002/03			
		FT	PT	FT	PT	Ft		PT		FT		PT	
						Fem	Male	Fem	Male	Fem	Male	Fem	Male
Canadian Mennonite University													
	Arts & Music	196	169	247	107	-	-	-	-	-	-	-	-
	Arts	-	-	-	-	134	108	55	61	128	105	69	69
	Music	-	-	-	-	40	11	14	9	22	16	5	1
	School of Discipleship	40	0	61	0	33	28	0	0	62	37	0	0
	Subtotal	**236**	**169**	**308**	**107**	**207**	**147**	**69**	**70**	**212**	**158**	**74**	**70**
	Total CMU	**405**		**415**		**493**				**514**			
Providence College & Seminary[3]													
Undergraduate	Undergraduate	345	72	379	57	-	-	-	-	-	-	-	-
	Arts	-	-	-	-	133	128	13	16	128	132	29	28
	Fine Arts	-	-	-	-	17	13	7	3	13	11	4	2
	Theology	-	-	-	-	7	11	2	3	5	8	1	2
	Other [4]	-	-	-	-	10	12	10	10	23	15	2	4
	Subtotal	**345**	**72**	**379**	**57**	**167**	**164**	**32**	**32**	**169**	**166**	**36**	**36**
Graduate Studies	Graduate	120	102	134	85	-	-	-	-	-	-	-	-
	Arts	-	-	-	-	44	18	23	27	52	28	31	19
	Divinity	-	-	-	-	2	18	1	6	4	22	1	14
	Ministry	-	-	-	-	3	24	0	0	2	21	0	0
	Other [4]	-	-	-	-	6	3	33	21	5	12	33	23
	Subtotal	**120**	**102**	**134**	**85**	**55**	**63**	**57**	**54**	**63**	**83**	**65**	**56**
Subtotal Undergraduate & Graduate		**465**	**174**	**513**	**142**	**449**		**175**		**481**		**193**	
Total PCS		**639**		**655**		**624**				**674**			

Table 6.3.2 con't...		1999/00		2000/01		2001/02				2002/03			
		FT	PT	FT	PT	FT		PT		FT		PT	
						Fem	Male	Fem	Male	Fem	Male	Fem	Male
Steinbach Bible College[3]													
	Bible Studies & Arts	79	3	74	24	-	-	-	-	-	-	-	-
	Arts	-	-	-	-	30	38	6	6	29	41	2	3
	Bible Studies	-	-	-	-	18	20	2	2	18	10	4	6
	Peer Counselling	-	-	-	-	1	0	0	0	3	1	1	0
	Subtotal	**79**	**3**	**74**	**24**	**107**		**16**		**102**		**16**	
	Total SCB	**82**		**98**		**123**				**118**			
William & Catherine Booth College – Revised[5]													
	Pre-degree programs	10	4	4	1	9		10		3		9	
	Arts	13	18	15	4	41		70		59		51	
	Social Work	12	7	19	1	26		6		35		25	
	Non-program	29	165	64	337	58		226		26		213	
	Subtotal	**64**	**194**	**102**	**343**	**134**		**312**		**123**		**298**	
	Total WCBC	**258**		**445**		**446**				**421**			
	Subtotal	**844**	**540**	**997**	**616**	**1,044**		**642**		**1,026**		**651**	
Total - Revised		**1,384**		**1,613**		**1,686**				**1,727**			

Notes:

1. Total enrollment at these institutions includes both theological/denominational and non-theological/non-denominational courses.
2. Total enrollment includes both undergraduate and graduate students.
3. Providence College and Seminary and Steinbach Bible College could not calculate these numbers on a program basis historically because of the limitations of the student tracking system. This will be done in the future.
4. "Other" includes those students who have not declared a major.
5. WCBC cannot provide gender breakdowns until 2004/05.

6.3.3 Enrollment by Program – Spring/Summer Session

Similar to the trend for regular session enrollment, Table 6.3.3 shows that spring and summer session enrollment increased at the private religious institutions by 179 students or 101.7% over the four-year period.

Table 6.3.3 – Enrollment by Program and Gender – Spring/Summer Session

Institution by Program [1,2]		Academic Year 1999 – 2002											
		1999		2000		2001				2002			
		FT	PT	FT	PT	FT		PT		FT		PT	
						Fem	Male	Fem	Male	Fem	Male	Fem	Male
Canadian Mennonite University													
	Arts	-	-	0	15	0	0	13	12	0	0	23	22
	Subtotal	-		-		**0**		**25**		**0**		**45**	
	Total CMU	**N/a**		**15**		**25**				**45**			
Providence College & Seminary													
	Undergraduate	-	-	-	-	12	3	15	7	21	10	4	12
	Graduate Studies	-	-	-	-	30	21	55	45	21	14	61	51
	Subtotal	**36**	**86**	**40**	**80**	**42**	**24**	**70**	**52**	**42**	**24**	**65**	**63**
	Total PCS	**122**		**120**		**188**				**194**			
Steinbach Bible College [3]													
	TESOL	-	-	-	-	-	-	-	-	2	0	1	0
	Subtotal	-		-		-				**2**		**1**	
	Total SBC	**N/a**		**N/a**		**N/a**				**3**			
William & Catherine Booth College – Revised [4]													
	Subtotal	**0**	**54**	**0**	**87**	**0**		**195**		**0**		**113**	
	Total WCBC	**54**		**87**		**195**				**113**			
Grand Subtotal		**36**	**140**	**40**	**182**	**66**		**342**		**68**		**287**	
Grand Total - Revised		**176**		**222**		**408**				**355**			

Notes:

1. Total enrollment at these institutions includes both theological/denominational and non-theological/non-denominational courses.
2. Total enrollment includes both undergraduate and graduate students.
3. Summer 2002 is the first year for summer courses at Steinbach Bible College.
4. WCBC reports that it cannot report by program for summer session.

6.3.5 Graduates by Program

Table 6.3.5 shows growth in the number of graduates at the private religious colleges between 1999 and 2002. Overall, the number of graduates increased by 150 or 58.6% over the four-year period.

Table 6.3.5 - Graduates by Program

Institution by Program		Academic Year 1999-2002			
		1999	2000	2001	2002
Canadian Mennonite University [1]					
	Bachelor of Arts	-	-	21	50
	Bachelor of Musical Arts	-	-	3	7
	School of Discipleship Certificate	-	-	60	61
	Christian Studies Certificate	-	-	5	5
	Subtotal	-	-	89	123
Providence College & Seminary - Revised					
	Certificates & Diplomas	80	87	72	84
	Undergraduate				
	Bachelor of Arts	70	64	64	69
	Bachelor of Fine Arts	7	9	3	14
	Bachelor of Theology	1	1	1	3
	Subtotal	78	74	68	86
	Graduate Studies				
	Master of Arts	32	31	38	36
	Master of Divinity	4	6	6	3
	Doctor of Divinity	5	2	1	4
	Subtotal	41	39	45	43
	Total PCS	199	200	185	213
Steinbach Bible College - Revised					
	Bachelor of Arts	12	9	9	18
	Diploma in Biblical Studies	15	10	10	10
	Certificate in Biblical Studies	-	-	9	9
	Total SBC	27	19	28	37
William & Catherine Booth College - Revised					
	Certificate	7	6	2	10
	Diploma	3	0	0	0
	Bachelor of Arts	10	13	9	15
	Bachelor of Social Work	10	5	6	8
	Total WCBC	30	24	17	33
Grand Total - Revised		256	243	319	406

Note:
1. The first graduating class at CMU was in 2001.

CHAPTER 7 – TUITION FEES

TABLE OF CONTENTS

LIST OF TABLES 188

CHAPTER 7 – TUITION FEES 189
7.0 Background 189

7.1 Manitoba Universities and Colleges 189
7.1.1 Universities 189
7.1.2 Colleges 190

7.2 Inter-Provincial Comparisons 191
7.2.1 Universities 191
7.2.2 Colleges 192

7.3 Private Religious Institutions 192

LIST OF TABLES

Table 7.1.1 - University Arts and Science Tuition (Weighted Average) 190

Table 7.1.2 - College Tuition (Unweighted Average) 190

Table 7.2.1 - Inter-provincial University Arts and Science Tuition (Weighted Average) 191

Table 7.2.2 - Inter-provincial College Tuition (Unweighted Average) 192

Table 7.3.1 - Private Religious Institution Tuition by Program (Unweighted) 193

CHAPTER 7 – TUITION FEES

7.0 Background

The information presented on tuition fees was obtained from a variety of sources. The weighted university tuition fee information was taken from Statistics Canada's annual *Tuition and Living Accommodations Survey.* Statistics Canada is considered to be the best data source when making national comparisons. This data is found in Tables 7.1.1 and 7.2.1. Additional tuition fee information is found in Tables 7.1.2, 7.2.2 and 7.3.1 and was provided by the institutions annually.

Statistics Canada weighted tuition fees using enrollment data. Weighting tuition fees provides a strong and reliable indicator of the amount paid by the majority of students, using a historical perspective. A weighted average considers the proportion of students in each field of study, allowing for a consistent view of fees over time. It is noted that weighting at the provincial and institutional levels is different. Institutional data cannot be averaged to equal the provincial data.

Community colleges' tuition fee data were historically collected from Statistics Canada. More recently however, colleges have provided the data directly to the Council on Post-Secondary Education, as Statistics Canada no longer collects this data.

Currently, college students' tuition fees cover on average 11.5% of the cost of a college program, while university students typically pay closer to an average of 22.4% of the cost of a university program.

7.1 Manitoba Universities and Colleges

7.1.1 Universities

As Table 7.1.1 illustrates, between 1998/99 and 1999/00, tuition fees increased by an average of $256 or 8.6% at the universities. However, between 1999/00 and 2002/03, tuition decreased by an average of $245 or 7.6% for all Manitoba universities.

In 2000/01, the provincial government tuition fees in Manitoba by 10% from 1999/00 levels. The 10% reduction applied to all full and part-time students in for-credit programs leading to a graduate or undergraduate degree. Since the numbers in the table are weighted by Statistics Canada[1], the reduction appears to be less than 10% for the University of Manitoba. The weighting formula skews the tuition figures for CSB, they appear to be increasing over the five-years shown.

Concurrent with the 10% tuition fee decrease, the Council reimbursed institutions for the 10% fee reduction in revenue and provided additional funding in recognition of the fact

[1] These figures are calculated by Statistics Canada and are provided to the Council on Post-Secondary Education. In their weighting formula, Statistics Canada varies tuition fees of each institution based on their enrollments. The differences noticed in the 10% fee reduction occur because of the weighting.

that the institutions were unable to raise additional revenue through increases in tuition fees. This practice has continued annually.

Table 7.1.1 - University Arts and Science Tuition (Weighted Average)

University [1,2,3]	Academic Year 1998/99 – 2002/03				
	1998/99	1999/00	2000/01	2001/02	2002/03
University of Manitoba	$2,856	$3,196	$2,961	$2,965	$2,965
University of Winnipeg	3,084	3,331	2,998	2,998	2,998
Brandon University	2,929	3,179	2,861	2,861	2,861
Collège Saint-Boniface	3,012	3,198	2,878	2,935	3,099

Source: Statistics Canada's Tuition and Living Accommodations Survey

Notes:
1. The average of these figures is not equal to the data in Table 7.2.1 because the weighting formula is different.
2. Includes data only for arts and science faculties, and does not include professional faculties or schools.
3. These figures are calculated by Statistics Canada and are provided to the Council on Post-Secondary Education. In their weighting formula, Statistics Canada varies tuition fees of each institution based on their enrollments. The differences noticed in the 10% fee reduction occur because of the weighting.

7.1.2 Colleges

Consistent with the trend among universities, tuition fees increased in 1998/99 and in 1999/00, followed by a decrease of 10% in 2000/01. The provincial policy for the 10% fee reduction in 2000/01 was applied to students in for-credit Council-funded programs leading to a certificate or diploma. College tuition has remained at the 2000/01 level.

Table 7.1.2 - College Tuition (Unweighted Average)

College [1]	Academic Year 1998/99 – 2002/03				
	1998/99	1999/00	2000/01	2001/02	2002/03
Red River College	$1,269	$1,413	$1,272	$1,272	$1,272
Assiniboine Community College	1,359	1,455	1,310	1,310	1,310
Keewatin Community College	1,302	1,460	1,314	1,314	1,314
École technique et professionelle	1,351	1,412	1,274	1,274	1,274

Source:
Statistics Canada (1998/99 and 1999/00), Institutions (2000/01 to 2002/03). ÉTP provided data for all years as it is not included in Statistics Canada's data collection.

Note:
1. Includes data for college tuition only, and does not include any other fees associated with college attendance.

7.2 Inter-Provincial Comparisons

7.2.1 Universities

Table 7.2.1 shows that between 1998/99 and 2002/03, tuition fees increased in all provinces except Newfoundland. The lowest fees occurred in Quebec and the highest in Nova Scotia. On average, fees increased in Canada by $576 or 18.7% over that time period.

In both 1998/99 and 1999/00, tuition increased in all provinces. This was followed by additional tuition increases in the next two years, with the exceptions of Manitoba, with a decrease in tuition of 8.0%[2], and Newfoundland and Prince Edward Island which held fees constant (0%).

Between 2000/01 and 2002/03, tuition fees continued to increase in most provinces. However, Newfoundland decreased tuition by 10.0% in each year, and Manitoba and Quebec held fees constant. British Columbia decreased tuition by 2.4% in 2001/02; however, it was followed by a tuition increase of 22.5% in 2002/03.

Of all provinces, Manitoba had the second lowest tuition fee increase over the five-year period, surpassed only by Newfoundland.

Table 7.2.1 - Inter-provincial University Arts and Science Tuition (Weighted Average)

Year	Province [1]										
	Canada	NFLD	PEI	NS	NB	QUE[2]	ON	MB	SK	AB	BC[3]
1998/99	$3,083	$3,150	$3,310	$4,034	$3,231	$1,815	$3,536	**$2,875**	$3,190	$3,432	$2,454
1999/00	3,319	3,300	3,480	4,230	3,371	1,841	3,870	**3,192**	3,234	3,641	2,530
2000/01	3,414	3,300	3,480	4,581	3,574	1,850	3,972	**2,938**	3,507	3,834	2,557
2001/02	3,502	2,970	3,690	4,793	3,846	1,879	4,104	**2,946**	3,657	3,958	2,496
2002/03	3,659	2,670	3,870	5,150	4,158	1,894	4,221	**2,932**	3,959	4,089	3,058

Source: Statistics Canada's Tuition and Living Accommodations Survey.

Notes:
1. Using the most current enrollment data available, average tuition fees have been weighted by the number of students. Statistics Canada believes a weighted tuition fee provides a strong and reliable indicator of what the majority of undergraduate students are paying when seeking historical comparison. A weighted average considers the proportion of students in each field of study. This allows for a consistent view of fees at the undergraduate level over time.
2. Fees for both in and out of province students are included in the weighted average calculation. Quebec began charging non-Quebecois Canadian residents a differential fee in 1997/98.
3. Fees at both BC public and private institutions are included in the weighted average calculation.

[2] Statistics Canada weights tuition based on enrollment. This formula skews the percentage decrease presented in the tuition figure.

7.2.2 Colleges

Table 7.2.2 shows that in both 1998/99 and 1999/00, tuition at Manitoba's colleges increased by $113 or 8.5%, similar to the majority of provinces in those years. In 2000/01, college tuition in Manitoba was reduced by 10% in accordance with provincial government policy. Since that year, Manitoba has had the second lowest average college tuition fees in Canada at $1,292. Manitoba was surpassed only by Quebec as it does not charge tuition at colleges.

In comparison with other provinces, Manitoba had the second lowest college tuition fee increase over the five-year period, surpassed by only Newfoundland. Newfoundland held tuition constant (0% increase) between 1998/99 and 2002/03, however at a rate higher than in Manitoba.

Table 7.2.2 - Inter-provincial College Tuition (Unweighted Average)

Year	Province [1]									
	NFLD	PEI	NS	NB	QUE[2]	ON	MB	SK	AB	BC
1998/99	$1,452	$2,000	$1,150	$2,000	$0	$1,543	**$1,322**	$1,885	$1,923	$1,340
1999/00	1,452	2,000	1,500	2,400	0	1,684	**1,435**	2,055	2,130	1,340
2000/01	1,452	2,000	1,750	2,400	0	1,718	**1,292**	2,240	2,339	1,340
2001/02	1,452	3,250	1,950	2,400	0	1,752	**1,292**	2,435	2,491	1,273
2002/03	1,452	3,250	2,150	2,400	0	1,786	**1,292**	2,657	2,653	1,791

Source: Pre-1999/00 statistics came from the Government of Ontario's annual tuition survey. Post-2000 statistics were obtained through the annual Council on Post-Secondary Education telephone survey.

Notes:
1. Data includes basic college tuition costs. It does not include other fees such as student fees, endowment fees, health plans, or technical/lab fees.
2. The Province of Quebec does not charge tuition fees at colleges (CEGEP).

7.3 Private Religious Institutions

As part of their funding arrangement with the Government of Manitoba, private religious institutions are expected to charge tuition for their academic programs at a rate that is not less than tuition fee rates at public post-secondary institutions in Manitoba offering comparable courses. Private religious institutions have not been included in the priovince's 10% tuition fee reduction policy.

The percentage increases in tuition at each private religious institution vary widely, as shown in Table 7.3.1. For example, between 1999/00 and 2002/03, Providence College and Seminary increased tuition for undergraduate arts programs by $600 or 14.3% and by $840 or 17.8% for graduate arts programs. Tuition fees increased at Steinbach Bible College by $510 or 15.7%. William and Catherine Booth College had larger tuition fee increases of 25% ($798) for pre-degree certificate programs, and 33% ($1,074) for Arts programs.

The Canadian Mennonite University (CMU) began offering programs in 2000/01. Between 2000/01 and 2002/03 tuition fees in Arts increased by $580 (18.1%) and $628 (15.4%) in Music.

Table 7.3.1 - Private Religious Institution Tuition by Program (Unweighted)

Private Religious Institution [1]		Academic Year 1999/00 – 2002/03			
		1999/00	2000/01	2001/02	2002/03
Canadian Mennonite University					
	Arts	$ -	$3,200	$3,600	$3,780
	Music [2]	-	4,070	4,535	4,698
Providence College & Seminary					
Undergraduate	Arts	4,200	4,400	4,600	4,800
	Aviation Studies	9,200	9,400	9,600	9,800
	Music	N/a	N/a	4,800	5,000
	Drama	N/a	N/a	4,600	4,800
	Theology	N/a	N/a	4,600	4,800
Graduate	Arts	4,710	4,950	5,160	5,550
	Counselling	N/a	N/a	5,520	5,910
	Divinity	N/a	N/a	5,160	5,550
	Ministry (Diploma)	N/a	N/a	8,250	8,250
Steinbach Bible College					
	Arts	3,240	3,390	3,510	3,750
	Bible Studies	3,240	3,390	3,510	3,750
	Peer Counselling [3]	-	-	-	3,750
William & Catherine Booth College - Revised					
	Pre-Degree (Certificate)	3,252	4,182	3,900	4,050
	Pre-Degree (Diploma)	3,246 - 3,252	3,936 - 4,182	3,900 – 4,160	-
	Arts	3,246	3,936 - 4,136	4,160	4,320
	Arts (After Degree)	3,202 - 3,315	3,567 - 3,936	3,770 – 4,160	4,050 – 4,320
	Social Work	3,240	3,690	3,900	4,050 – 4,590

Notes:

1. Tuition statistics are calculated for a 30 credit hour year.
2. These amounts are for first year music students. As students move up in the program tuition increases.
3. This program did not exist until 2002/03.

APPENDIX A –UNIVERSITY AND COLLEGE CONTINUING EDUCATION PROGRAMS

TABLE OF CONTENTS

LIST OF TABLES 196

APPENDIX A – CONTINUING EDUCATION 197
A.0 Background 197

A.1 University 197
A.1.1 Enrollment by Program 197
A.1.2 Course Registrations by Division 200
A.1.3 Graduates by Program 201

A.2 College 204
A.2.1 Enrollment by Program 204
A.2.2 Registrations by Program/Course Area 207
A.2.3 Graduates by Program 214
A.2.4 Graduates by Program/Course 216

LIST OF TABLES

Table A.1.1 – Enrollment by Program 198

Table A.1.2 – Course Registrations by Division 200

Table A.1.3 – Graduates by Program 201

Table A.2.1 – Enrollment by Program 205

Table A.2.2 – Registrations by Program/Course 208

Table A.2.3 –Graduates by Program 214

Table A.2.4 - Graduates by Program/Course 217

APPENDIX A – CONTINUING EDUCATION

A.0 Background

Six publicly funded universities and colleges in Manitoba operate Continuing Education divisions. These include the University of Manitoba (UM), the University of Winnipeg (UW), le Collège de Saint-Boniface/École technique et professionale (CSB), Red River College (RRC), Assiniboine Community College (ACC) and Keewatin Community College (KCC). This chapter includes two sections of data and analysis on the continuing education data from 2000/01 to 2002/03. Due to system constraints, the UW could not provide historical data; therefore data for the UW begins in 2002/03.

The following appendix contains two sections. The first section is devoted to the universities and the second to the colleges. Each section will include tables on continuing education enrollment and graduates from each institution.

A.1 University

A small portion of the data for continuing education was included in the University chapter of this publication. These continuing education programs are considered "for credit" and are recognized by the UM and other universities in Canada. This includes the Diploma in Community Wellness and the Aboriginal Child and Family Services Diploma. The continuing education programs in this appendix are for "non-credit" programs which are not recognized as a university degree by other institutions in Canada. The continuing education students from CSB included in Chapter 1 were students who were taking university level courses but who were not seeking a credential.

The data included in the Appendix is different than the data reported in Chapter 1. The data in the Appendix covers programs/courses that are not funded by the Council on Post-Secondary Education, that are offered on a full cost recovery basis and courses that are not for credit. Analysis is provided for UM and CSB only, as continuing education enrollments for UW are not sufficient to allow for a full analysis.

A.1.1 Enrollment by Program

Enrollment by program counts students once, unless that student is enrolled in multiple programs. Data for the UM and UW is shown in this section, as though its Continuing Education division CSB offers courses, not programs. Data and analysis for CSB is shown in Section A.1.2. Due to system constraints the UW could only provide data for 2002/03, while the UM provided data for 2001/02 and 2002/03.

- **University of Manitoba**

Enrollment in continuing education at UM increased between 2001/01 and 2002/03 by 13.3% or 328 students. The largest increase occurred in the Management, Professional

and Community Programs division at 15.4% or 267 students. Enrollment in the Aboriginal Focus Programs, Language Studies, and Off Campus divisions increased, while the Information Technologies division showed a decrease in enrollment of 43.8% or (14 students).

Table A.1.1 – Enrollment by Program

University [1]		Academic Year 2001/02 – 2002/03	
		2001/02	2002/03
University of Manitoba [2]			
Aboriginal Focus Programs	Child Sexual Abuse Intervention & Treatment	6	19
	Counselling Skills	19	26
	Special Education Teacher Assistant - Northlands	9	0
	Subtotal	**34**	**45**
Information Technology	Advanced Network Administrator	5	0
	Internetworking Professional	27	15
	Windows Networking Professional	0	3
	Subtotal	**32**	**18**
Language Studies	Teaching English as a Second Language	91	121
	Intensive English	579	607
	Subtotal	**670**	**728**
Management, Professional & Community Programs	Aboriginal Focus Certificate Programs	1	0
	Apparel Design	24	20
	Applied Counselling	106	119
	Accounting	115	103
	Adult & Continuing Education	127	121
	Advanced Accounting	136	122
	Applied Mgmt: Day Care	6	2
	Applied Mgmt: Information Technology	1	13
	Applied Mgmt: Nonprofit Organization Specialization	3	0
	Applied Mgmt: Organizational Effectiveness	6	5
	Applied Mgmt: Police Services	3	10
	Applied Mgmt: Public Sector	15	5
	Applied Mgmt: Retail Management	29	28
	Applied Mgmt: Utilities Management	44	67
	Certified Professional Purchaser	67	43
	Credit Institute of Canada	22	12
	Credit Union Institute of Canada	6	9
	Family Violence Intervention	1	1
	General Case Management	22	6
	Human Resource Management	278	378
	Institute of Canadian Bankers Business Program	1	1
	Interdisciplinary Studies	1	3

Table A.1.1 con't...		2001/02	2002/03
University of Manitoba con't...			
Management, Professional & Community Programs con't...	Management & Administration (4-Year)	364	431
	Management Development for Women	37	26
	Manitoba Municipal Administrators	82	125
	Participative Management	8	2
	Prairie Horticulture: Fruit & Vegetable Production	6	7
	Prairie Horticulture: Greenhouse Crop Production	8	12
	Prairie Horticulture: Landscaping & Arboriculture	17	44
	Prairie Horticulture: Nursery Crop Production	3	6
	Purchasing Management Association of Canada	57	62
	Quality Management	54	96
	Real Property Assessment	0	10
	Rehabilitation Case Management	54	56
	Supervisory Management	17	48
	Prairie Horticulture	14	9
	Subtotal	**1,735**	**2,002**
Off Campus	Transition Year - Aboriginal Peoples College	**0**	**6**
Total University of Manitoba		**2,471**	**2,799**

Notes:
1. Enrollment figures in this table are headcounts, they include both full and part time students.
2. Students counted once per program.

Table A.1.1 con't...		2001/02	2002/03
University of Winnipeg [1,2]			
	55+	-	500
	Communications	-	120
	Education Assistant	-	366
	English Language	-	707
	Information Technology	-	340
	Internet Systems Specialist	-	113
	Languages	-	550
	Management	-	935
	Project Management [3]	-	63
	Other Contracts [3]	-	62
Total University of Winnipeg		**N/a**	**3,756**

Notes:
1. Enrollment figures in this table are headcounts, they include both full and part time students. Students are counted only once per program.
2. The UW could only provide current year data.
3. These programs are profit shared contracts with the Schulich School of Business at York University.

A.1.2 Course Registrations by Division

Course registrations by division counts students each time they register and attend a course. Data for the UM and CSB only are shown in this section as through its Continuing Education division the UW offers programs, not courses. CSB provided data for 2000/01 through 2002/03, while the UM provided data for 2001/02 and 2002/03.

- **University of Manitoba**

In contrast to continuing education registrations by program at UM, registration in continuing education courses at UM decreased between 2001/01 and 2002/03 by 17.3% or 447 registrations.

- **Collège de Saint-Boniface**

Registrations in courses at CSB decreased between 2000/01 and 2001/02 by 3.9% or 144 registrations. This was followed by an increase of 5.2% or 183 registrations in the following year.

Table A.1.2 – Course Registrations by Division

University		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
University of Manitoba [1,2]				
	Aboriginal Focus Programs	-	5	12
	Continuing Education for the Professions	-	300	145
	Contracts[3]	-	100	47
	Information Technology	-	324	293
	Language Studies [4]	-	399	232
	Management, Professional & Community Programs	-	1,239	1,231
	Non Degree	-	222	182
Total University of Manitoba		**N/a**	**2,589**	**2,142**

Notes:
1. Students counted once per program.
2. Enrollment figures in this table are headcounts, they include both full and part time students.
3. Stand alone courses.
4. Previously called English Language Studies

Table A.1.2 con't...		2000/01	2001/02	2002/03
Collège de Saint-Boniface [1]				
	Francophone	1,411	1,736	1,915
	Anglophone	2,263	1,794	1,798
Total Collège de Saint-Boniface		**3,674**	**3,530**	**3,713**

Note: 1. Enrollment figures in this table are headcounts, they include both full and part time students.

A.1.3 Graduates by Program

Table A.1.3 shows data for the UM and UW. CSB does not offer full programs, students completing single courses at CSB are not considered graduates.

In this section, analysis is provided for UM only, as one year of data on graduates from UW is not sufficient to allow for a full analysis.

- **University of Manitoba**

Graduates from continuing education at UM increased between 2001/01 and 2002/03 by 9.1% or 100 students. The largest increase in graduates occurred in the Intensive English program at 11.6% or 63 graduates. The number of certificate graduates from Language Studies division increased by 77.1% (27 graduates) between 2001/02 and 2002/03, while certificate graduates from the Information Technologies, Aboriginal Focus Programs, and Management, Professional and Community Programs divisions decreased by 75.0% (3 graduates), 27.8% (5 graduates), and 1.2% (5 graduates) respectively.

Between 2001/02 and 2002/03, the number of graduates from the 4-year certificate in Management and Administration decreased by 4.1% (3 graduates). On the other hand the number of Letters of Accomplishment in Management, Professional and Community Programs (MPCP) increased by 2,600% (26 graduates) over the two years.

Table A.1.3 – Graduates by Program

University		Academic Year 2001/02 – 2002/03	
		2001/02	2002/03
University of Manitoba			
4-Year Certificate			
MPCP	Management & Administration	**74**	**71**
Certificates			
Aboriginal Focus Programs	Counselling Skills	11	13
	Special Ed. Teacher Assistant-Northlands	7	0
	Subtotal	**18**	**13**
Language Studies	Teaching English as a Second Language	**35**	**62**
Information Technology	Advanced Network Administrator – MCSE	3	0
	Special Internetworking Professional	1	1
	Subtotal	**4**	**1**

Table A.1.3 con't...		2001/02	2002/03
University of Manitoba Certificates con't...			
MPCP	Apparel Design	17	16
	Applied Counselling	31	22
	Accounting	25	20
	Adult & Continuing Education	29	17
	Advanced Accounting	50	42
	Applied Mgmt: Day Care	5	1
	Applied Mgmt: Information Technology	0	12
	Applied Mgmt: Nonprofit Organization Specialization	3	0
	Applied Mgmt: Organizational Effectiveness	1	0
	Applied Mgmt: Police Services	2	3
	Applied Mgmt: Public Sector	12	2
	Applied Mgmt: Retail Management	3	0
	Applied Mgmt: Utilities Management	15	20
	Interdisciplinary Studies	0	1
	Manitoba Municipal Administration	8	27
	General Case Management	7	1
	Human Resource Management	100	102
	Management Development for Women	37	26
	Quality Management	51	75
	Rehabilitation Case Management	18	17
	Prairie Horticulture : Fruit & Vegetable Production	0	1
	Prairie Horticulture: Greenhouse Crop Production	3	1
	Prairie Horticulture: Landscaping & Arboriculture	3	8
	Prairie Horticulture: Nursery Crop Production	0	1
	Subtotal	**420**	**415**
Certificate of Completion			
Language Studies	Intensive English	**544**	**607**
Letters of Accomplishment			
MPCP	Family Violence Intervention	1	1
	Supervisory Management	0	26
	Subtotal	**1**	**27**
Total University of Manitoba		**1,096**	**1,196**

Table A.1.3 con't...		2001/02	2002/03
University of Winnipeg [1]			
Certificates			
	Communications	-	27
	Corporate Management	-	15
	Information Technology	-	1
	Internet Systems Specialist	-	2
	Management	-	74
	Network & Database Administration	-	1
	Office Productivity Software	-	2
	Remote Sensing & GIS	-	2
	Web Design	-	3
	Subtotal	**N/a**	**127**
Diplomas			
	Application Systems Development	-	5
	Database Administration	-	5
	Educational Assistant	-	36
	Human Resource Management	-	28
	Information Security Management	-	9
	Internet Systems Specialist	-	16
	Internet Site Administration	-	2
	Network Security	-	13
	Web Development	-	2
	Subtotal	**N/a**	**116**
Total University of Winnipeg		**N/a**	**243**

Note:
1. The UW could only provide current year data.

A.2 College

Continuing Education at the colleges include programs that are normally offered on a full cost recovery basis and that not funded by the Council on Post-Secondary Education. The model for delivering of continuing education programs varies by college.

Given that community colleges in Manitoba are expected to respond to labour market needs, continuing education programs may not be offered from one year to the next, leading to large variances in annual registrations.

A.2.1 Enrollment by Program

Students reported in this section were counted once, unless that student is enrolled in multiple programs.

- **Red River College**

Data for RRC is available for 2002/03 only, because this was the first year RRC offered full time day programs through continuing education. As a result, no analysis is provided.

- **Assiniboine Community College**

ACC offers full time programs through its contract training division. These programs are offered at full cost recovery at the request of a client. Between 2000/01 and 2002/03 contract training enrollments at ACC increased by 49.3% (132 students).

- **Keewatin Community College**

At KCC, enrollment in continuing education programs decreased in each year between 2000/01 and 2002/03 and overall by 65.7% (349).

Table A.2.1 – Enrollment by Program

College		Academic Year 2000/01 – 2002/03					
		2000/01		2001/02		2002/03	
		FT	PT	FT	PT	FT	PT
Red River College							
Continuing Education	Applied Counselling	-	-	-	-	42	0
	Health Care Aide	-	-	-	-	25	0
	Medical Transportation	-	-	-	-	14	0
	Office Technician	-	-	-	-	11	0
	Para Educator	-	-	-	-	45	0
	Photography	-	-	-	-	19	0
	Power Engineering	-	-	-	-	15	0
	Recreation Facilitator for Older Adults	-	-	-	-	18	0
	Sterile Processing Technicians	-	-	-	-	25	0
	Youth Recreation Activity Worker	-	-	-	-	19	0
	Subtotal	-	-	-	-	233	0
Total Red River College		N/a		N/a		233	

Table A.2.1 con't...		2000/01		2001/02		2002/03	
		FT	PT	FT	PT	FT	PT
Assiniboine Community College							
Contract Training	Business Administration	0	0	0	0	27	0
	Community Social Development	0	0	0	0	11	0
	Computer Support Specialist	25	0	22	0	9	0
	Health Care Aide (Comprehensive)	94	0	7	0	0	0
	Mature Student High School	0	0	10	0	105	0
	Practical Nursing	25	0	77	0	144	0
	Practical Nursing Preparation	13	0	84	0	56	0
	University/College Entrance Preparation	111	0	75	0	48	0
	Subtotal	268	0	275	0	400	0
Total Assiniboine Community College		268		275		400	

Table A.2.1 con't...		2000/01		2001/02		2002/03	
		FT	PT	FT	PT	FT	PT
Keewatin Community College							
Continuing Education & Contract Training	Administrative Assistant	0	1	0	0	0	0
	Applied Counselling Skills	2	38	5	25	0	36
	Basic Plumbing	0	0	0	0	13	0
	Business Accountancy	0	0	0	0	1	0
	Business Administration	4	0	15	6	4	9
	Carpentry Apprenticeship	11	0	12	0	0	0
	Commercial Cooking Aide	0	0	0	0	3	0
	Commercial Cooking	9	1	0	0	0	0
	Computer Applications	0	30	0	9	0	8
	Computer Business Skills	0	0	0	1	0	1
	Cook Apprenticeship	0	0	0	0	1	0
	Educational Assistant	0	19	0	34	0	43
	Early Childhood Education	16	3	0	0	0	0
	Early Childhood Education Assistant	0	0	0	15	0	0
	Health Care Aide	136	1	81	22	17	1
	Heavy Duty Mechanics	18	0	0	0	0	0
	Home Care Attendant	5	0	0	0	0	0
	Industrial Mechanic Apprenticeship	0	0	0	0	2	0
	Introduction to Information Technology	1	0	0	0	0	0
	Introduction to Inst/Commercial Cooking	0	0	0	16	0	11
	Law Enforcement	0	0	0	0	1	0
	Log House Construction	0	19	0	0	0	0
	Lands, Trust & Services	0	45	0	0	0	0
	Management & Administration Studies	0	2	0	1	0	0
	Management Studies	0	170	0	37	0	24
	Plumbing Apprenticeship	0	0	0	0	7	0
	Subtotal	**202**	**329**	**113**	**166**	**49**	**133**
Total Keewatin Community College		**531**		**279**		**182**	

A.2.2 Registrations by Program/Course Area

Registrations by program/course area differs from enrollment by program in two ways, (1) students are counted each time they enroll in a course and as such, may be counted in more than one course/program area; and (2) students are only considered part of a program once they have successfully complete their application for graduation.

- **Red River College**

Over the years between 2000/01 and 2002/03, continuing education registrations decreased at RRC by 1,114 or 4.8%. On a year-over-year basis, continuing education registrations increased between 2000/01 and 2001/02 by 2.4% (559), followed the next year by a decrease of 7.0% (1,673).

As Table A.2.2 shows, there were registrations increases in all program divisions over the three-year period with the exception of the continuing education division where registrations decreased by 29.4% (5,990).

- **Assiniboine Community College**

Between 2000/01 and 2002/03, continuing education registrations at ACC increased by 26.0% (1,392). Throughout this period, registrations increased each year at ACC, with the largest one-year registration increase in 2001/02 with an increase of 1,060 or 19.8%.

- **Keewatin Community College**

At KCC, continuing education registrations decreased by 4.9% (38 registrations) between 2000/01 and 2002/03. Registrations decreased between 2000/01 and 2001/02 by 30.3% (233), followed by an increase of 36.4% (195) between 2001/02 and 2002/03. This increase was not large enough to reach 2000/01 levels.

Table A.2.2 – Registrations by Program/Course

College		Academic Year 2000/01 to 2002/03					
		2000/01		2001/02		2002/03	
		FT	PT	FT	PT	FT	PT
Red River College							
Aboriginal & Teacher Education	Bachelor of Science in Technical Education	0	0	0	18	0	68
	CAE/Voc Industrial Teacher Ed - PLA	0	1	0	2	0	0
	Adult Education	0	322	0	415	0	439
	Master of Arts in Education (CMU)	0	20	0	90	0	91
	MSA in Health Services Admin (CMU)	0	0	0	0	0	52
	Vocational Industrial Teacher Education	0	69	0	85	0	101
	Subtotal	**0**	**412**	**0**	**610**	**0**	**751**
Applied Sciences	Early Childhood Education	**0**	**21**	**0**	**407**	**0**	**400**
Continuing Education	Academic Skills	0	0	0	0	0	63
	Accounting	0	415	0	537	0	667
	Applied Counselling	0	707	0	578	0	313
	As / 400 Programmer/Operator	0	10	0	2	0	1
	Baking	0	2	0	0	0	0
	Bomi Canada	0	13	0	29	0	8
	Building Construction Technician	0	66	0	63	0	67
	Building Systems Technology & Administration	0	2	0	2	0	0
	Business & Administrative Studies	0	1,637	0	1,581	0	1,240
	Business Analyst	0	114	0	181	0	280
	Business Seminars	0	0	0	0	0	260
	Canadian Institute of Bookkeeping	0	0	0	0	0	8
	Cancer Care Nursing	0	21	0	17	0	1
	Career / Employment Counselling	0	0	0	0	0	23
	Carpentry	0	178	0	129	0	68
	Canadian Institute/Financial Planning	0	174	0	115	0	43
	Central Services Technician	0	40	0	0	0	0
	Child & Youth Care	0	192	0	156	0	210
	Cisco Networks Training	0	35	0	139	0	149
	Civil Technician	0	75	0	58	0	96
	Civil Technology	0	39	0	0	0	0
	CN Citation Program	0	0	0	0	0	0
	Commercial Cooking	0	36	0	38	0	5
	Community Development	0	3	0	0	0	1
	Computer Aided Drafting	0	23	0	16	0	0
	Computer Graphics Cert Program	0	298	0	401	0	269
	Computers: Professional	0	0	0	0	0	18
	Conferences	0	275	0	955	0	803
	Correctional Officer	0	106	0	130	0	84
	Culinary Arts - Theory	0	0	0	0	0	30
	Customer Service Representative	0	24	0	20	0	12

Table A.2.2 con't...		2000/01		2001/02		2002/03	
		FT	PT	FT	PT	FT	PT
Red River College con't.							
Continuing Education con't.	Dental Topics	0	45	0	45	0	31
	Design Drafting Technician	0	50	0	50	0	26
	Developmental Services Worker	0	273	0	576	0	0
	Dietary Aide	0	0	0	19	0	16
	Digital A/V Production	0	0	0	0	0	16
	Digital Electronics	0	51	0	2	0	2
	Disability & Community Support	0	0	0	0	0	239
	Drafting / CAD	0	198	0	145	0	141
	Early Childhood Education	0	73	0	126	0	110
	Electrical	0	9	0	5	0	0
	Electronics for Industry	0	11	0	2	0	0
	Emergency Nursing	0	15	0	0	0	0
	Entrepreneurship Training Program	0	99	0	0	0	0
	F.A.S. / F.A.E. Support Worker	0	157	0	45	0	185
	Financial Planning	0	0	0	0	0	19
	Fire Alarm Technician Program	0	64	0	19	0	26
	First Responder Technician	0	184	0	127	0	140
	Foot care for Nurses	0	91	0	106	0	106
	Graphics Communications	0	93	0	42	0	187
	Health Care Aide	0	1,480	0	845	0	428
	Health Care Management	0	1	0	0	0	0
	Health Related Courses	0	422	0	743	0	377
	Health Services Management	0	69	0	336	0	219
	Health Unit Clerk	0	390	0	481	0	397
	Home Decorating	0	56	0	88	0	97
	Human Resource Management	0	696	0	657	0	694
	Industrial Electrical Maintenance	0	98	0	128	0	115
	Industrial Skills	0	174	0	118	0	255
	Industrial Supervision	0	83	0	99	0	109
	Infant Care Program	0	16	0	30	0	71
	Info Systems Programmer/Analyst	0	1,945	0	1,269	0	723
	Insides Sales / Warehouse Technician	0	0	0	14	0	16
	International Computer Driving License	0	0	0	28	0	40
	Justice & Public Safety	0	583	0	485	0	354
	Knowledge Management	0	0	0	0	0	17
	Leisure Facilitation in Development Services	0	1	0	0	0	0
	Library Technology	0	129	0	81	0	56
	Management Development	0	111	0	140	0	177
	Management & Application of Quality Systems	0	72	0	69	0	113
	Marketing Management	0	97	0	99	0	123
	Mechanical Engineering Technology	0	91	0	127	0	112
	Media Production Technician	0	25	0	24	0	6
	Micro-Computer Applications	0	1,149	0	715	0	554
	Microcomputer Network Support	0	0	0	0	0	28
	Nursing Related Courses	0	537	0	359	0	272

Table A.2.2 con't...		2000/01		2001/02		2002/03	
		FT	PT	FT	PT	FT	PT
Red River College con't.							
Continuing Education con't.	Office Technician	0	31	0	266	0	57
	Operations Management	0	35	0	53	0	54
	Ophthalmic Dispensing	0	30	0	20	0	23
	Para-Educator	0	0	0	0	0	76
	Parish Nursing	0	1	0	1	0	0
	Personal Development	0	0	0	0	0	18
	Photography	0	252	0	370	0	191
	Power Engineering	0	0	0	9	0	177
	Prior Learning Assessment	0	0	0	3	0	1
	Professional Sales (CPSA)	0	0	0	6	0	18
	Project Management	0	432	0	464	0	411
	Quality Control (Basic Principles)	0	5	0	0	0	0
	Rec Facilitator for Older Adults	0	0	0	153	0	1
	Recreation Facilitator for Older Adults	0	446	0	276	0	93
	Security Officer Training	0	23	0	27	0	27
	Seminars/Workshops	0	0	0	0	0	4
	Sign Language	0	158	0	217	0	116
	Small Business Management	0	161	0	108	0	144
	Software Development	0	63	0	60	0	81
	Special Studies	0	2,833	0	2,460	0	167
	Sterile Processing Technician	0	0	0	217	0	0
	Studies in Special Needs Child Care	0	40	0	83	0	22
	Systems Integration	0	293	0	122	0	92
	Technical Communications	0	69	0	69	0	72
	Technology Management	0	130	0	96	0	82
	Tourism Marketing	0	23	0	11	0	4
	Trade Improvement	0	413	0	641	0	51
	Transport/Distribution Management	0	87	0	54	0	48
	Volunteer Management	0	90	0	85	0	76
	Water & Waste Water School	0	154	0	151	0	152
	Web Shop	0	0	0	0	0	60
	Web Site Development Program	0	403	0	460	0	395
	Welding	0	0	0	1	0	287
	Writing Development	0	0	0	0	0	63
	Youth Recreation Activity Worker	0	75	0	161	0	1
	Subtotal	**0**	**20,370**	**0**	**20,035**	**0**	**14,380**
Contract Training	Business/Applied Arts	0	47	0	0	0	0
	CNC Operator	0	55	0	0	0	0
	Computer Training	0	125	0	0	0	0
	Contract Training - E/E/C	0	7	0	0	0	0
	Contract Training - M/T/C	0	141	0	645	0	605
	Core Skills Training	0	0	0	16	0	0
	Entry Level Manufacturing	14	0	0	0	0	0
	Fire Truck Technician	0	36	0	0	0	0

Table A.2.2 con't...		2000/01		2001/02		2002/03	
		FT	PT	FT	PT	FT	PT
Red River College con't.							
Contract Training con't.	Gas Turbine Overhaul	15	0	0	0	0	0
	Graphic Arts	0	0	4	0	5	0
	Metallurgical Process	0	48	0	33	0	0
	Quality Inspector Training	0	21	0	0	0	0
	Subtotal	**29**	**480**	**4**	**694**	**5**	**605**
Distance Education	Accounting	0	65	0	70	0	75
	Administrative Assistant	0	1	0	3	0	0
	Adult 12	0	0	0	26	0	3
	Adult Basic Education	0	0	0	0	0	2
	Applied Environmental Science	0	3	0	2	0	2
	Bookkeeping & Small Business	0	0	0	1	0	0
	Building Construction Technician	0	0	0	0	0	2
	Business & Administrative Studies	0	176	0	142	0	203
	Business Accounting & Management	0	0	0	3	0	0
	Business Analyst	0	11	0	17	0	25
	Business & Administrative	0	16	0	49	0	55
	Canadian Institute of Bookkeeping	0	2	0	3	0	3
	Chemical & Biosciences Technology	0	0	0	2	0	0
	Child & Youth Care	0	24	0	11	0	35
	Civil / CAD Technology	0	0	0	2	0	2
	Civil Technician	0	5	0	7	0	1
	Commerce/Industry Sales & Marketing	0	0	0	0	0	1
	Community Development	0	1	0	0	0	0
	Computer Accounting Technician	0	0	0	2	0	1
	Computer Analyst/Programmer	0	2	0	11	0	2
	Computers - Winkler	0	0	0	7	0	251
	Correctional Officer	0	3	0	2	0	8
	Customer Service Representative	0	0	0	1	0	0
	Design Drafting Technician	0	1	0	2	0	0
	Developmental Services Worker	0	36	0	54	0	3
	Diploma Nursing (Accelerated)	0	16	0	26	0	49
	Disability & Community Support	0	0	0	0	0	14
	Early Childhood Education	0	352	0	5	0	0
	Electronic Engineering Technology	0	0	0	1	0	3
	Emergency Nursing	0	0	0	1	0	4
	Fire Alarm Technician	0	1	0	0	0	0
	Foot Care for Nurses	0	0	0	8	0	27
	Health Care Aide	0	155	0	168	0	148
	Health Services Management	0	14	0	12	0	10
	Health Unit Clerk	0	1	0	5	0	2
	Hotel & Restaurant Administration	0	4	0	0	0	0
	Human Resource Management	0	148	0	201	0	258
	Industrial Electrical/Maintenance	0	0	0	2	0	0
	Industrial Supervision	0	0	0	1	0	4

Table A.2.2 con't...		2000/01		2001/02		2002/03	
		FT	PT	FT	PT	FT	PT
Red River College con't.							
Distance Education con't.	Information Systems Program/Analyst	0	81	0	79	0	97
	Inside Sales / Warehouse Technician	0	0	0	2	0	0
	Justice & Public Safety	0	16	0	20	0	22
	Library & Information Technology	0	89	0	85	0	92
	Library Training Program	0	102	0	111	0	145
	Management Development	0	25	0	33	0	65
	Marketing Management	0	7	0	11	0	15
	Media Production Technician	0	1	0	1	0	0
	Management & Application of Quality Systems	0	2	0	5	0	7
	Microcomputer Applications	0	97	0	75	0	70
	Nursing - Joint Baccalaureate	0	12	0	18	0	7
	Office Productivity	0	0	0	0	0	7
	Office Technician	0	8	0	6	0	9
	Operations Management	0	3	0	4	0	5
	Para-Educator	0	0	0	24	0	260
	Personal / Professional Development	0	0	0	0	0	22
	Project Management	0	0	0	0	0	7
	Recreation Facilitator for Older Adults	0	236	0	261	0	237
	Receptionist / Office Clerk	0	1	0	0	0	0
	Registered Nurse Refresher	0	175	0	356	0	374
	Small Business Management	0	0	0	5	0	0
	Software Development	0	0	0	1	0	12
	Special Interest	0	5	0	8	0	2
	Studies in Aboriginal Child Care	0	35	0	36	0	26
	Studies in Special Needs Child Care	0	92	0	70	0	47
	Technical Communication	0	3	0	7	0	2
	Technology Management	0	0	0	3	0	1
	Tourism Management	0	4	0	1	0	1
	Transportation Distribution Management	0	7	0	8	0	7
	Volunteer Management	0	10	0	5	0	2
	Web Site Development	0	26	0	29	0	78
	Subtotal	**0**	**2,074**	**0**	**2,111**	**0**	**2,812**
Regional Campuses	Gimli	0	0	0	0	0	643
	Portage	0	0	0	0	0	694
	Saint Boniface	0	0	0	0	0	35
	Steinbach	0	0	0	0	0	511
	Winkler	0	0	0	0	0	972
	Other	0	0	0	0	0	351
	Subtotal	**0**	**0**	**0**	**0**	**0**	**3,206**
Stevenson	AME Refresher	0	0	0	84	0	113
	Subtotal	**29**	**23,357**	**4**	**23,941**	**5**	**22,267**
Total Red River College		**23,386**		**23,945**		**22,272**	

Table A.2.2 con't...		2000/01		2001/02		2002/03	
		FT	PT	FT	PT	FT	PT
Assiniboine Community College							
Contract Training	Assertiveness Training	0	0	0	0	0	15
	Communication Skills	0	0	0	0	0	11
	Computer Literacy	0	0	0	6	0	0
	Computer Studies	0	0	0	0	0	103
	Continuing Education for LPNs	0	0	0	0	0	20
	Conversational Spanish	0	0	0	24	0	15
	Customer Service	0	0	0	0	0	12
	Dealing with Difficult People	0	0	0	39	0	0
	English as a Second Language	0	0	0	0	0	6
	Health Care Critical Elements	0	84	0	59	0	4
	Management Skills	0	0	0	0	0	60
	Pesticides	0	0	0	37	0	0
	Pork Production Manager	0	0	0	0	0	16
	Subtotal	**0**	**84**	**0**	**165**	**0**	**262**
Regional Centres & Continuing Education	Brandon	0	4,170	0	4,847	0	5,374
	Parkland	0	560	0	687	0	638
	Satellite Centres	0	531	0	706	0	463
	Subtotal	**0**	**5,261**	**0**	**6,240**	**0**	**6,475**
	Subtotal	**0**	**5,345**	**0**	**6,405**	**0**	**6,737**
Total Assiniboine Community College		**5,345**		**6,405**		**6,737**	

Table A.2.2 con't...		2000/01		2001/02		2002/03	
		FT	PT	FT	PT	FT	PT
Keewatin Community College							
Con Ed & Contract Training	General Studies	23	746	38	498	2	729
Total Keewatin Community College		**769**		**536**		**731**	

Note:
KCC's Continuing Education and Contract Education courses are all combined under the name General Studies. Relatively few students graduate from General Studies.

A.2.3 Graduates by Program

The number of continuing education graduates each year depends on when programs are offered, student demand, and labour market need.

Continuing education graduates who were enrolled directly in a program are treated the same as a student enrolled in a regular day program for the purpose of graduation. Students who registered course-by-course and have completed their program must show that they meet the program requirements and then apply to graduate from that program. It is only then that these students are counted as part of a program.

- **Red River College**

RRC's data is shown for 2002/03, no analysis is provided as there is only one year of data available.

- **Assiniboine Community College**

Between 2000/01 and 2002/03 the number of graduates from contract training programs at ACC decreased by 32.2% (39). Contract training graduates from ACC decreased between 2000/01 and 2001/02 by 68.6% (83) followed by an increase of 115.8% (44) in 2002/03. This increase was not enough to bring the number of graduates back to 2000/01 levels.

- **Keewatin Community College**

Overall, the number of graduates from KCC decreased by 41.9% (52). Similar to the trend of ACC, graduates from KCC decreased between 2001/02 followed by an increase of 166.7% (45 graduates) in the next year. The increase at KCC in 2002/03 did not make up for the decrease of 78.2% (97 graduates) in 2001/02.

Table A.2.3 –Graduates by Program

College		Academic Year 2000/01 – 2002/03		
		2000/01	2001/02	2002/03
Red River College				
Continuing Education	Applied Counselling	-	-	37
	Dental Assisting	-	-	1
	Medical Transportation	-	-	22
	Para Educator	-	-	21
	Photography	-	-	13
	Power Engineering	-	-	13
	Recreation Facilitator for Older Adults	-	-	16
	Sterile Processing Technicians	-	-	19
Total Red River College		**N/a**	**N/a**	**142**

Table A.2.3 con't...		2000/01	2001/02	2002/03
Assiniboine Community College				
Continuing Education & Contract Training	Computer Support Specialist	12	13	7
	Health Care Aide (Comprehensive)	86	18	0
	Mature Student High School	0	7	21
	Practical Nursing	23	0	54
Total Assiniboine Community College		**121**	**38**	**82**

Table A.2.3 con't...		2000/01	2001/02	2002/03
Keewatin Community College				
Continuing Education & Contract Training	Applied Counselling Skills	5	1	2
	Business Accountancy	0	0	1
	Business Administration	1	0	0
	Basic Plumbing	0	0	9
	Commercial Cooking	2	0	0
	Commercial Cooking Aide	0	0	3
	Computer Applications	1	1	0
	Computer Business Skills	0	1	0
	Educational Assistant	0	0	4
	Early Childhood Education Assistant	0	0	9
	General Studies	5	0	15
	Health Care Aide	48	24	18
	Heavy Duty Mechanics	10	0	0
	Home Care Attendant	4	0	0
	Introduction to Information Technologies	1	0	0
	Intro to Inst/Commercial Cooking	0	0	10
	Law Enforcement	0	0	1
	Log House Construction	10	0	0
	Lands, Trust & Services	37	0	0
Total Keewatin Community College		**124**	**27**	**72**

A.2.4 Graduates by Program/Course

- **Red River College**

Between 2000/01 and 2002/03, the number of continuing education graduates from RRC decreased by 26.2% (226). This was due in part, to reductions in programming through the continuing education division.

- **Assiniboine Community College**

The number of continuing education and contract training graduates from ACC increased by 30.6% (38) between 2000/01 to 2002/03. The number of graduates decreased by 58.1% (72) between 2000/01 and 2001/02, but increased to above 2000/01 levels in 2002/03, growing by 211.5% (110) between 2001/02 and 2002/03.

- **Keewatin Community College**

Although there were fluctuations on a year-to-year basis, the number of KCC graduates increased from 5 in 2000/01 to 15 graduates in 2002/03 (a 200% increase). In 2001/02, KCC reported that it had no continuing education graduates.

Table A.2.4 - Graduates by Program/Course

College		Academic Year 2000/02 to 2002/03		
		2000/01	2001/02	2002/03
Red River College				
Aboriginal & Teacher Education	Adult Education	41	45	36
	Vocational Industrial Teacher Education	19	10	17
	Subtotal	**60**	**55**	**53**
Continuing Education	Accounting	14	15	27
	Applied Counselling	76	39	23
	As / 400 Programmer/Operator	5	0	0
	Baking	1	0	0
	Building Construction Technician	5	3	4
	Building Systems Technology & Administration	1	0	0
	Business & Administrative Studies	27	32	21
	Business Analyst	3	14	2
	Cancer Care Nursing	4	1	2
	Carpentry	0	7	0
	Canadian Institute for Financial Planning	1	1	0
	Central Services Technician	15	0	0
	Child & Youth Care	14	1	2
	CISCO Networks Training	18	17	23
	Computer Graphics Cert Program	3	7	4
	Correctional Officer	1	0	0
	Correctional Officer/Basic Training	4	5	2
	Design Drafting Technician	1	0	2
	Developmental Services Worker	1	2	0
	Digital Electronics	1	1	0
	Drafting / CAD	4	2	4
	Emergency Nursing	0	2	2
	Entrepreneurship Training Program	0	0	1
	F.A.S. / F.A.E. Support Worker	0	0	1
	Graphics Communications	0	0	1
	Health Care Aide	98	58	46
	Health Services Management	0	2	2
	Health Unit Clerk	47	67	60
	Human Resource Management	27	42	26
	Industrial Electrical Maintenance	4	9	9
	Industrial Supervision	4	9	7
	Infant Care Program	0	0	6
	Info Systems Programmer/Analyst	45	15	10
	JPS: Counselling & Case Management	1	3	1
	Justice & Public Safety	18	16	15
	Library Technology (Diploma)	1	0	0
	Management Development	22	29	33
	Management & Application of Quality Systems	4	5	1
	Marketing Management	6	11	6

Table A.2.4 con't...		2000/01	2001/02	2002/03
Red River College con't				
Continuing Education con't.	Micro-Computer Applications	21	27	15
	Office Technician	1	3	1
	Operations Management	0	1	1
	Photography	25	39	24
	Project Management	7	12	16
	Recreation Facilitator for Older Adults	22	8	22
	Small Business Management	0	4	8
	Software Development	28	22	24
	Sterile Processing Technician	0	19	0
	Studies in Aboriginal Child Care	0	1	0
	Studies in Special Needs Child Care	6	6	4
	Systems Integration	12	8	6
	Technical Communications	1	6	5
	Technology Management	0	4	4
	Tourism Marketing	0	1	1
	Transport/Distribution Management	2	3	0
	Volunteer Management	4	4	2
	Web Site Development Program	0	4	7
	Youth Recreation Activity Worker	0	7	0
	Subtotal	**605**	**594**	**483**
Contract Training	Adult 10 Off Campus	2	0	0
	Advanced Level for EFL	10	0	0
	Aerospace Manufacturing	15	0	0
	Client Server Programmer	12	0	0
	Computer Animation Specialist	14	0	0
	Business & Applied Arts	5	0	0
	Early Childhood Education	19	0	0
	Family Child Care Training	12	0	0
	Gas Turbine Overhaul	13	0	0
	Graphic Arts	5	0	5
	Interactive Games Developer	14	0	0
	Microcomputer Business Network Analyst	19	0	0
	Office Technician Program	1	0	0
	Subtotal	**141**	**0**	**5**
Distance Education	Business & Administrative Studies	1	0	1
	Health Care Aide	1	1	1
	Human Resource Management	0	6	3
	Library Training	1	5	7
	Management Development	1	0	2
	Microcomputer Applications	0	0	2
	Para-Educator	0	0	1
	Rec. Facilitator for Older Adults	1	5	10
	Registered Nurse (R.N.) Refresher	47	55	2
	Registered Nurse Refresher	0	8	52

Table A.2.4 con't...		2000/01	2001/02	2002/03
Red River College con't				
Distance Education con't.	Studies in Aboriginal Child Care	0	6	4
	Studies in Special Needs Child Care	3	11	6
	Subtotal	**55**	**97**	**91**
Regional Campuses	Applied Counselling Skills	0	0	1
	Bookkeeping & Small Business	0	1	0
	Business Studies	0	0	2
	Subtotal	**0**	**1**	**3**
Total Red River College		**861**	**747**	**635**

Table A.2.4 con't...		2000/01	2001/02	2002/03
Assiniboine Community College				
Continuing Education & Contract Training	American Sign Language	**0**	**0**	**1**
	Applied Counselling Skills	1	0	10
	Health Care Aide (Comprehensive)	86	18	0
	Health Care Aide Challenge (Comprehensive)	0	1	0
	Computer Studies	1	0	0
	Computer Support Specialist	12	13	7
	Developmental Service Worker	0	8	1
	Dietary Aide	0	0	44
	Human Resource Management	0	3	12
	Management Skills	0	0	9
	Mature Student High School	0	7	21
	Practical Nursing	23	0	54
	Prairie Horticulture	1	2	2
	Woodworking Skills	0	0	1
Total Assiniboine Community College		**124**	**52**	**162**

Table A.2.4 con't...		2000/01	2001/02	2002/03
Keewatin Community College				
Con Ed & Contract Training	General Studies	5	0	15
Total Keewatin Community College		**5**	**0**	**15**